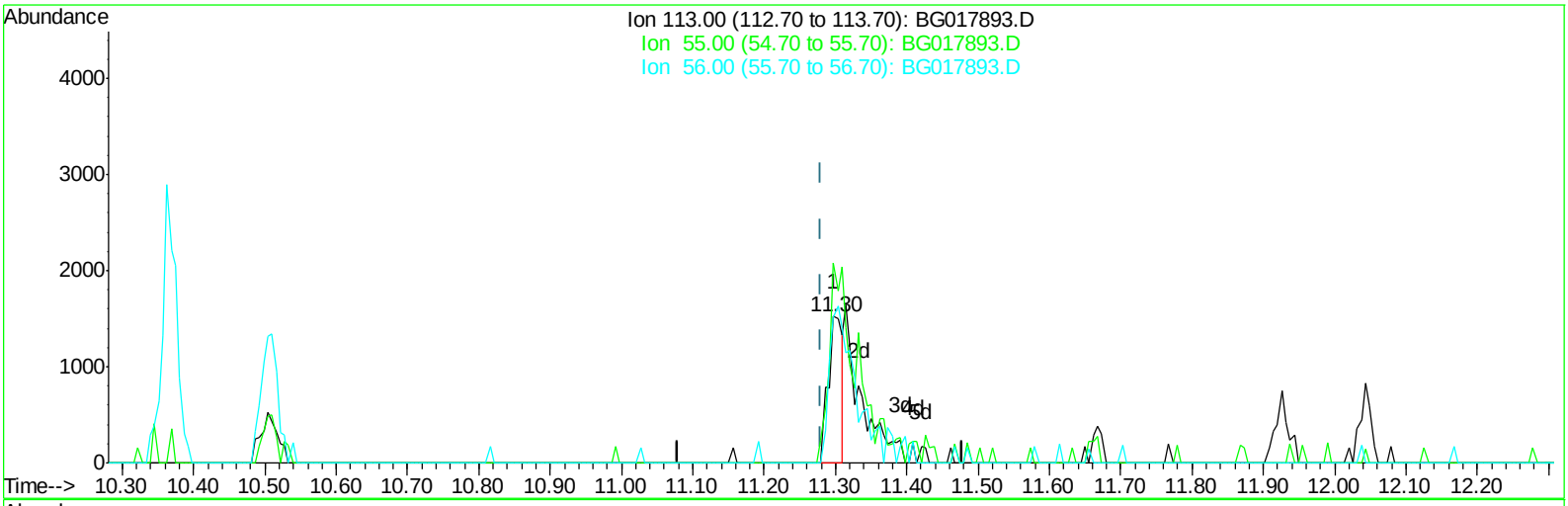
Quantitation Report (Qedit)

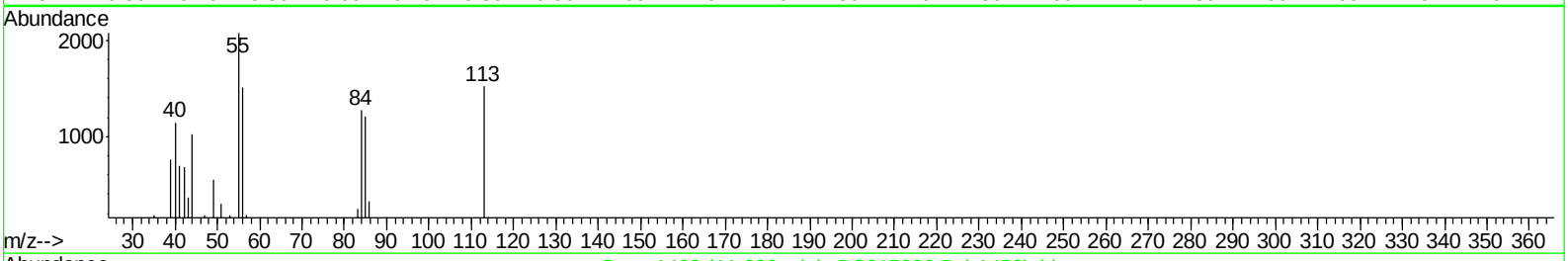
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017893.D
Acq On : 15 Jul 2015 19:32
Operator : TP/UM
Sample : MDL-06-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 33 Sample Multiplier: 1

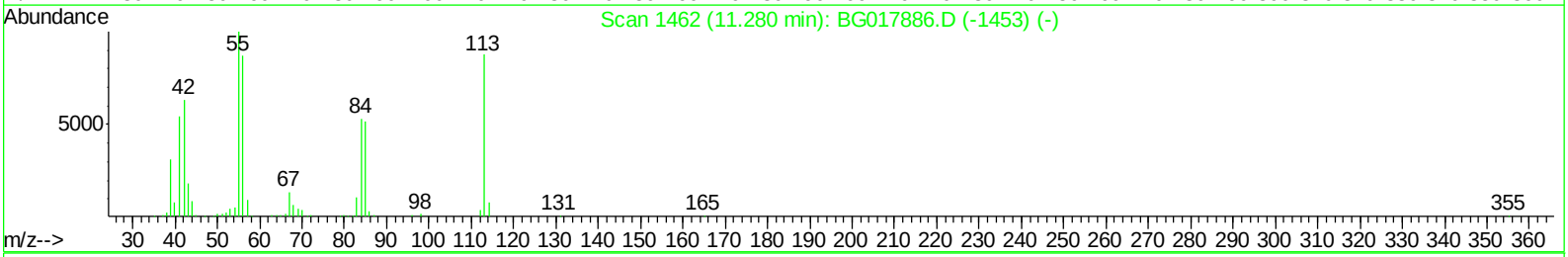
Quant Time: Jul 16 02:10:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

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

Manual Integrations APPROVED
apatel
7/16/2015 4:30:24 PM







TIC: BG017893.D

(32) Caprolactam

11.297min (+0.018) 0.62ng/ul

response 2089

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	136.40
56.00	112.20	99.21
0.00	0.00	0.00

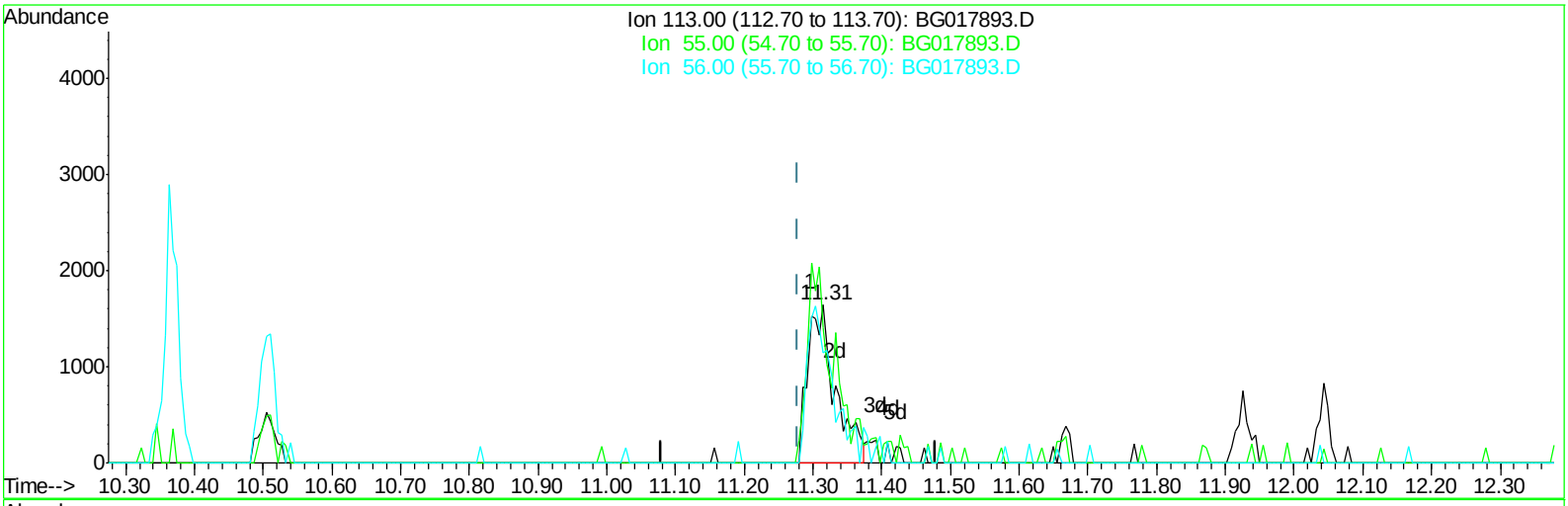
Quantitation Report (Qedit)

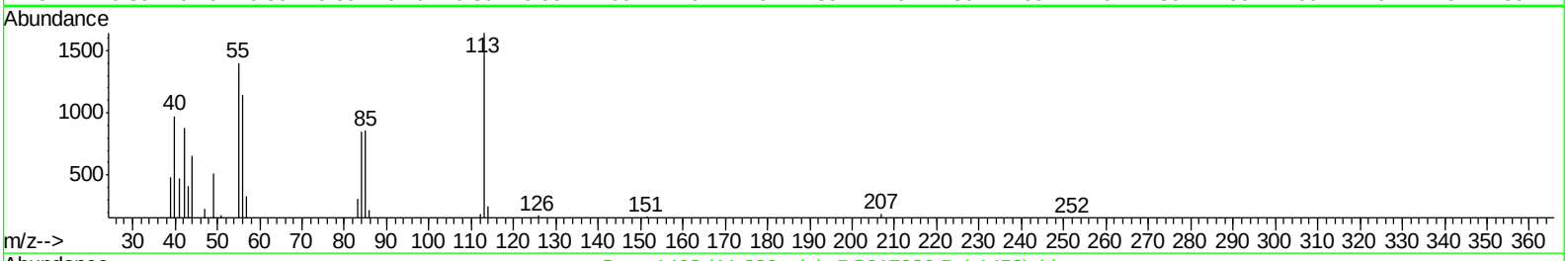
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017893.D
Acq On : 15 Jul 2015 19:32
Operator : TP/UM
Sample : MDL-06-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 33 Sample Multiplier: 1

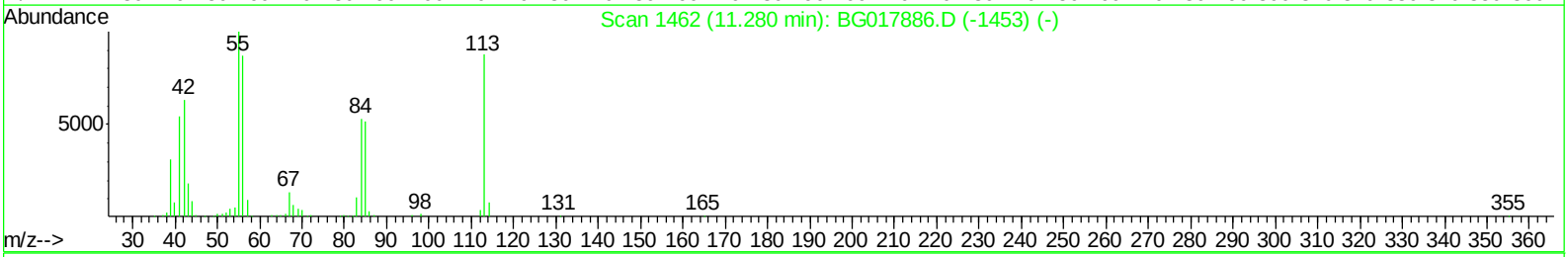
Quant Time: Jul 16 02:10:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

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

Manual Integrations APPROVED
apatel
7/16/2015 4:30:24 PM







TIC: BG017893.D

(32) Caprolactam

11.315min (+0.035) 1.35ng/ul m

response 4557

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	85.38#
56.00	112.20	69.61#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017893.D
Acq On : 15 Jul 2015 19:32
Operator : TP/UM
Sample : MDL-06-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 33 Sample Multiplier: 1

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

Manual Integrations APPROVED
apatel
7/16/2015 4:30:24 PM

Quant Time: Jul 16 03:25:53 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	84315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	379533	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	225902	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	486516	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	502512	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	460838	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	11249	4.77	ng/uL	0.00
5) Phenol-d5	6.76	99	187678	25.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	117282	23.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	159230	28.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	148465	26.63	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	74258	25.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	65079	29.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	128018	28.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	223743	34.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	465240	29.54	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	594960	29.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	72225	24.30	ng/ul	0.00
57) Fluorene-d10	15.24	176	437314	29.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	33806	14.85	ng/ul	0.00
70) Anthracene-d10	17.10	188	658252	29.86	ng/ul	0.00
78) Pyrene-d10	19.40	212	747144	31.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	666065	29.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	2193	0.87	ng/uL#	77
4) Benzaldehyde	6.74	77	12308	2.89	ng/ul#	89
6) Phenol	6.79	94	16734	2.10	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.03	93	14917	2.29	ng/ul#	86
10) 2-Chlorophenol	7.15	128	13779	2.42	ng/ul#	82
11) 2-Methylphenol	8.03	108	11686	2.02	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.12	45	19524	2.07	ng/ul#	94
14) Acetophenone	8.41	105	21825	2.35	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.39	70	10982	1.92	ng/ul#	91
16) 4-Methylphenol	8.35	108	13756	2.18	ng/ul	96
17) Hexachloroethane	8.65	117	5924	2.18	ng/ul	92
20) Nitrobenzene	8.78	77	15652	2.00	ng/ul	93
21) Isophorone	9.30	82	31581	2.16	ng/ul	100
23) 2-Nitrophenol	9.48	139	6124	2.32	ng/ul#	90
24) 2,4-Dimethylphenol	9.55	107	14685	2.17	ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.79	93	18016	2.19	ng/ul	95
27) 2,4-Dichlorophenol	10.02	162	12265	2.67	ng/ul	89
28) Naphthalene	10.42	128	49190	2.50	ng/ul	96
30) 4-Chloroaniline	10.53	127	16700	2.45	ng/ul	99
31) Hexachlorobutadiene	10.70	225	7379	2.55	ng/ul	98
32) Caprolactam	11.31	113	4557m	1.35	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	11365	2.01	ng/ul	97
34) 2-Methylnaphthalene	12.04	142	32809	2.46	ng/ul	90

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017893.D
Acq On : 15 Jul 2015 19:32
Operator : TP/UM
Sample : MDL-06-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 33 Sample Multiplier: 1

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

Manual Integrations APPROVED
apatel
7/16/2015 4:30:24 PM

Quant Time: Jul 16 03:25:53 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	14888	2.50	ng/ul	88
37) Hexachlorocyclopentadiene	12.40	237	5082	1.65	ng/ul#	83
38) 2,4,6-Trichlorophenol	12.66	196	5978	1.85	ng/ul#	84
39) 2,4,5-Trichlorophenol	12.73	196	7317	2.08	ng/ul#	79
40) 1,1'-Biphenyl	13.07	154	43773	2.50	ng/ul	95
41) 2-Chloronaphthalene	13.11	162	34857	2.60	ng/ul	95
42) 2-Nitroaniline	13.32	65	5676	1.44	ng/ul	88
44) Dimethylphthalate	13.71	163	43304	2.62	ng/ul	97
45) 2,6-Dinitrotoluene	13.82	165	5565	1.85	ng/ul	91
47) Acenaphthylene	13.96	152	58262	2.57	ng/ul	98
48) 3-Nitroaniline	14.16	138	6625	1.93	ng/ul#	91
49) Acenaphthene	14.31	153	37522	2.46	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	661	0.52	ng/ul#	69
52) 4-Nitrophenol	14.46	109	6153	2.44	ng/ul#	79
53) Dibenzofuran	14.65	168	52212	2.60	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	7937	1.84	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	14.88	232	5170	1.90	ng/ul#	95
56) Diethylphthalate	15.08	149	43337	2.54	ng/ul	94
58) Fluorene	15.30	166	45438	2.61	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	20728	2.56	ng/ul	94
60) 4-Nitroaniline	15.32	138	7944	1.94	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.37	198	3154	1.24	ng/ul#	46
64) N-Nitrosodiphenylamine	15.52	169	36907	2.49	ng/ul	96
65) 4-Bromophenyl-phenylether	16.19	248	12015	2.57	ng/ul	92
66) Hexachlorobenzene	16.30	284	12673	2.50	ng/ul	98
67) Atrazine	16.47	200	10954	2.16	ng/ul	97
68) Pentachlorophenol	16.65	266	2580	1.03	ng/ul	93
69) Phenanthrene	17.04	178	69283	2.58	ng/ul	99
71) Anthracene	17.13	178	75043	2.73	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	14841	2.40	ng/uL	91
73) Pentachlorobenzene	14.56	250	16633	2.80	ng/uL#	86
74) Carbazole	17.40	167	61264	2.55	ng/ul	100
75) Di-n-butylphthalate	17.98	149	71815	2.39	ng/ul#	94
76) Fluoranthene	19.06	202	77052	2.82	ng/ul#	95
79) Pyrene	19.43	202	90549	2.93	ng/ul	99
80) Butylbenzylphthalate	20.35	149	25263	2.02	ng/ul	86
81) 3,3'-Dichlorobenzidine	21.12	252	12143	1.61	ng/ul	96
82) Benzo(a)anthracene	21.18	228	74107	2.67	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.13	149	34250	1.98	ng/ul	100
84) Chrysene	21.23	228	73824	2.77	ng/ul	96
86) Di-n-octyl phthalate	22.00	149	47551	1.76	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	62407	2.45	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	65843	2.51	ng/ul	94
90) Benzo(a)pyrene	23.32	252	72089	2.82	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.65	276	66182	2.42	ng/ul	93
92) Dibenzo(a,h)anthracene	25.67	278	55527	2.39	ng/ul	93
93) Benzo(g,h,i)perylene	26.34	276	57356	2.51	ng/ul	98

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017893.D
Acq On : 15 Jul 2015 19:32
Operator : TP/UM
Sample : MDL-06-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 16 03:25:53 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

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

Manual Integrations APPROVED
apatel
7/16/2015 4:30:24 PM