Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091118\
Data File : BM016720.D
Acq On : 11 Sep 2018 13:37
Operator : SJ/JU
Sample : MDL-W-06
Misc : 4PPM/1PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 11 14:21:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 15:28:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-W-06

Manual Integrations APPROVED
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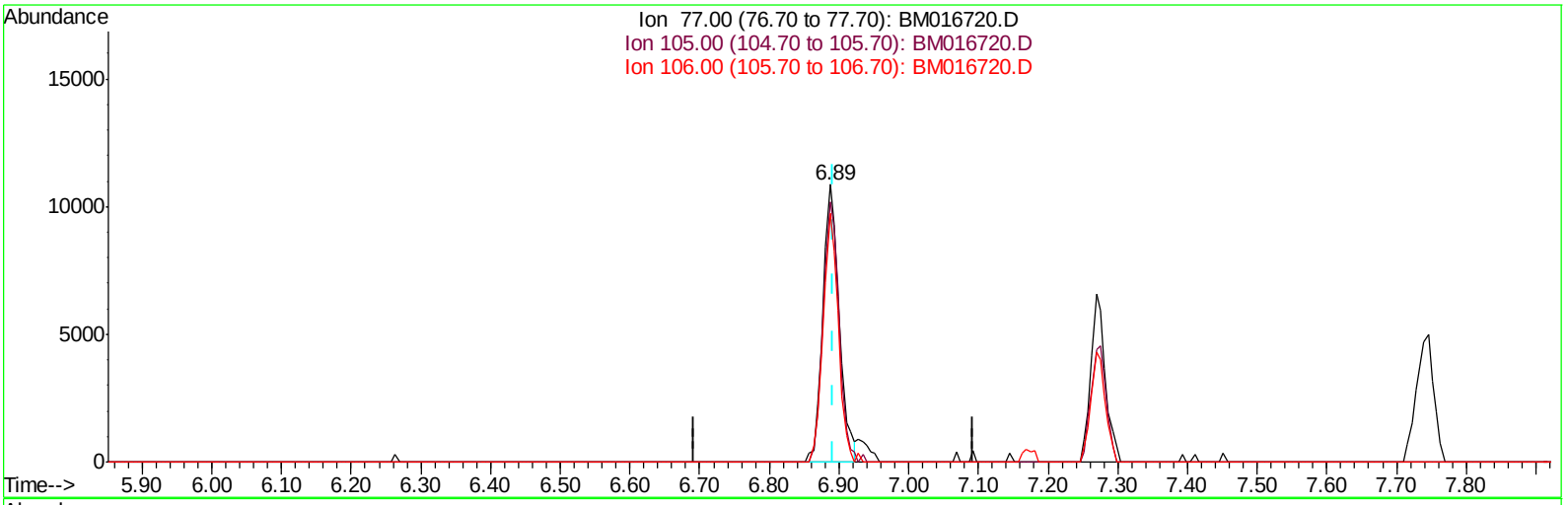

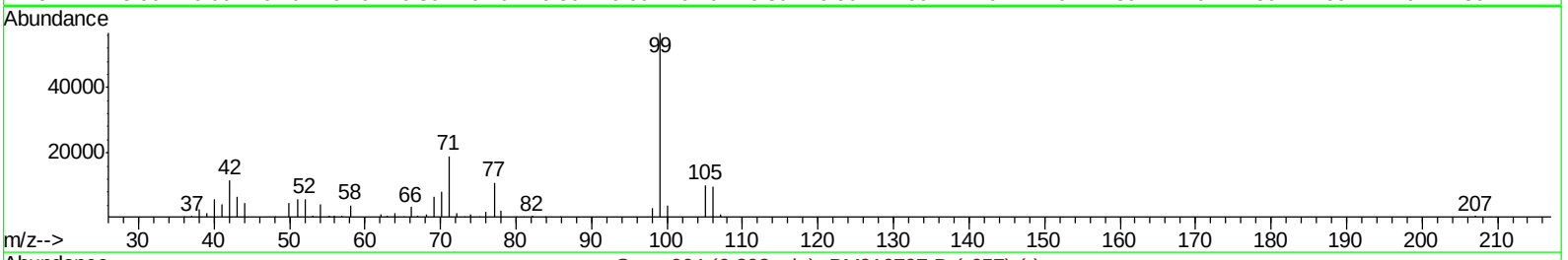

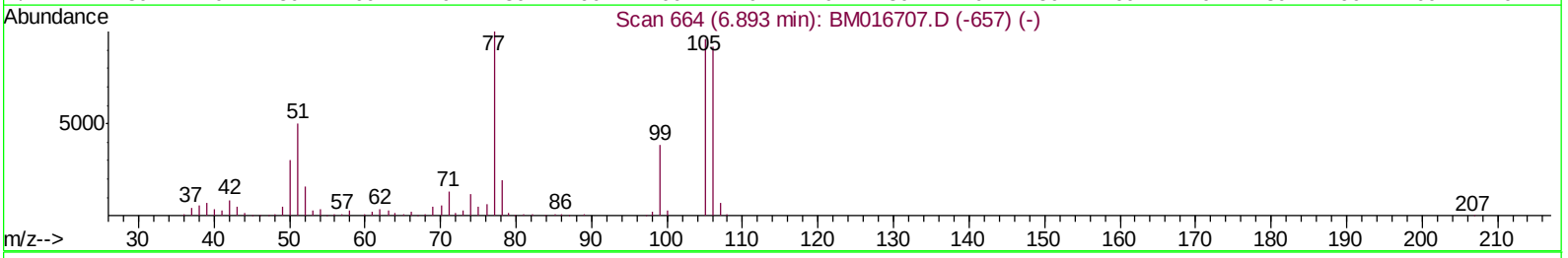

TIC: BM016720.D

(4) Benzaldehyde

6.887min (-0.006) 1.92ng/ul

response 17687

Ion	Exp%	Act%
77.00	100	100
105.00	88.80	93.45
106.00	86.90	89.40
0.00	0.00	0.00

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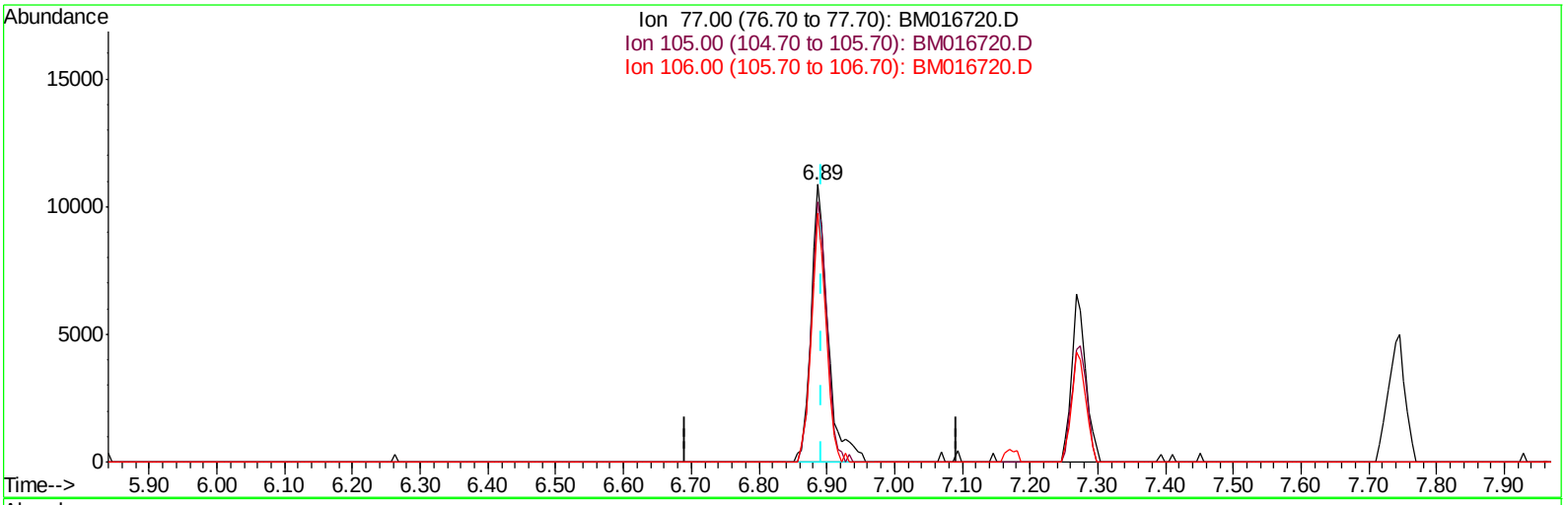

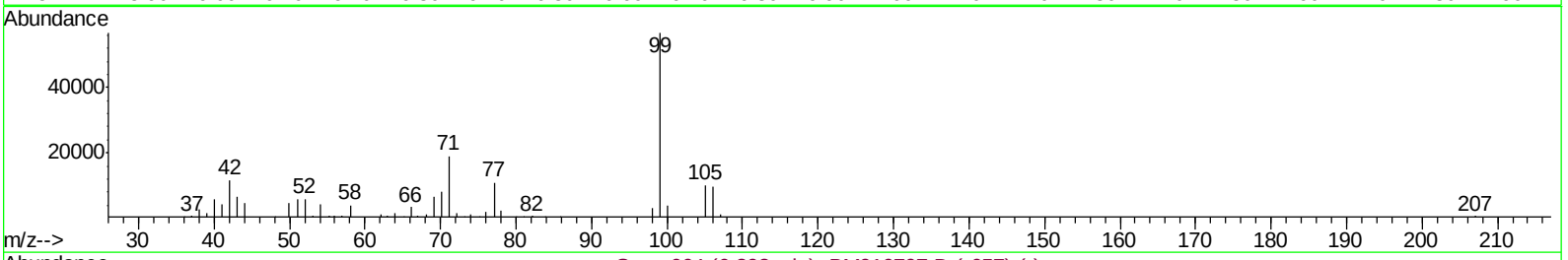

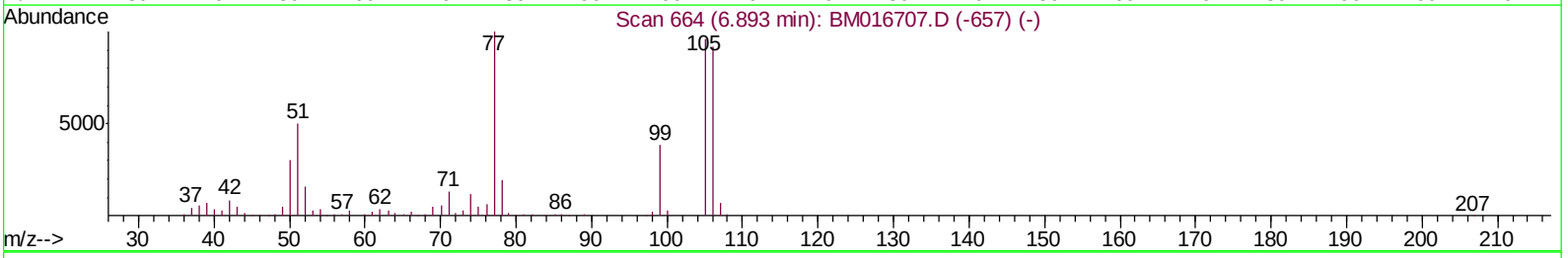

TIC: BM016720.D

(4) Benzaldehyde

6.887min (-0.006) 2.04ng/ul m

response 18771

Ion	Exp%	Act%
77.00	100	100
105.00	88.80	93.45
106.00	86.90	89.40
0.00	0.00	0.00

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Quant Time: Sep 11 14:22:54 2018
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 15:28:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	193612	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	814440	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	444341	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	965189	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1073080	20.00	ng/ul	-0.01
86) Perylene-d12	23.56	264	1117449	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	31905	7.05	ng/uL	0.00
5) Phenol-d5	6.90	99	447783	27.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	288125	28.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	372581	27.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	351528	27.82	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	157268	29.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	145007	29.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	331158	26.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	458945	30.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1002979	28.11	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	1289516	27.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	145626	24.87	ng/ul	0.00
58) Fluorene-d10	15.37	176	881912	28.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	88445	22.32	ng/ul	0.00
71) Anthracene-d10	17.22	188	1336302	28.70	ng/ul	0.00
79) Pyrene-d10	19.52	212	1461049	28.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	1676881	28.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	8766	1.861	ng/uL#	89
4) Benzaldehyde	6.89	77	18771m	2.042	ng/ul	
6) Phenol	6.93	94	70407	4.319	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.17	93	55512	4.423	ng/ul	93
10) 2-Chlorophenol	7.30	128	56892	4.250	ng/ul	98
11) 2-Methylphenol	8.17	108	48472	3.968	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.27	45	87449	4.406	ng/ul	95
14) Acetophenone	8.56	105	85481	4.365	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.55	70	40479	4.130	ng/ul#	89
16) 4-Methylphenol	8.50	108	54379	4.211	ng/ul	96
17) Hexachloroethane	8.81	117	22994	4.373	ng/ul	82
20) Nitrobenzene	8.93	77	61646	4.554	ng/ul	95
21) Isophorone	9.45	82	108661	4.039	ng/ul	100
23) 2-Nitrophenol	9.63	139	25383	4.519	ng/ul	94
24) 2,4-Dimethylphenol	9.70	107	60438	4.170	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.95	93	72199	4.342	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	49906	4.201	ng/ul	97
28) Naphthalene	10.57	128	187009	4.466	ng/ul	99
30) 4-Chloroaniline	10.68	127	51191	3.428	ng/ul	100
31) Hexachlorobutadiene	10.86	225	35771	4.461	ng/ul	97
32) Caprolactam	11.45	113	12194	3.246	ng/ul	97
33) 4-Chloro-3-methylphenol	11.80	107	49413	3.969	ng/ul	93
34) 2-Methylnaphthalene	12.19	142	129223	4.379	ng/ul	100

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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)
35) 1-Methylnaphthalene	12.19	142	129223	4.379	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	67794	4.443	ng/ul#	93
38) Hexachlorocyclopentadiene	12.54	237	37643	3.962	ng/ul	95
39) 2,4,6-Trichlorophenol	12.80	196	31124	3.582	ng/ul	99
40) 2,4,5-Trichlorophenol	12.86	196	35999	3.796	ng/ul	92
41) 1,1'-Biphenyl	13.21	154	159875	4.325	ng/ul#	96
42) 2-Chloronaphthalene	13.25	162	127233	4.398	ng/ul	97
43) 2-Nitroaniline	13.45	65	22818	3.581	ng/ul	93
45) Dimethylphthalate	13.84	163	154642	4.435	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	18853	3.520	ng/ul	87
48) Acenaphthylene	14.10	152	191367	4.387	ng/ul	99
49) 3-Nitroaniline	14.28	138	19015	3.265	ng/ul#	97
50) Acenaphthene	14.44	153	136261	4.400	ng/ul	99
51) 2,4-Dinitrophenol	14.48	184	6432	2.685	ng/ul#	57
53) 4-Nitrophenol	14.58	109	18252	4.045	ng/ul#	69
54) Dibenzofuran	14.77	168	190024	4.473	ng/ul	98
55) 2,4-Dinitrotoluene	14.74	165	29722	3.774	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.00	232	26913	3.509	ng/ul#	87
57) Diethylphthalate	15.22	149	144729	4.190	ng/ul	96
59) Fluorene	15.43	166	154997	4.441	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.43	204	79877	4.513	ng/ul#	90
61) 4-Nitroaniline	15.44	138	23595	3.298	ng/ul#	87
64) 4,6-Dinitro-2-methylphenol	15.50	198	16270	3.662	ng/ul#	69
65) N-Nitrosodiphenylamine	15.64	169	128697	4.311	ng/ul	96
66) 4-Bromophenyl-phenylether	16.32	248	46459	4.254	ng/ul	95
67) Hexachlorobenzene	16.43	284	52549	4.471	ng/ul	95
68) Atrazine	16.60	200	39041	3.700	ng/ul	99
69) Pentachlorophenol	16.77	266	18735	2.948	ng/ul	97
70) Phenanthrene	17.17	178	239778	4.472	ng/ul	98
72) Anthracene	17.26	178	247019	4.488	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	68965	4.317	ng/uL	98
74) Pentachlorobenzene	14.69	250	65404	4.539	ng/uL	99
75) Carbazole	17.53	167	203133	4.198	ng/ul	97
76) Di-n-butylphthalate	18.11	149	200650	3.564	ng/ul	99
77) Fluoranthene	19.19	202	267280	4.349	ng/ul#	90
80) Pyrene	19.54	202	289337	4.391	ng/ul#	86
81) Butylbenzylphthalate	20.47	149	79686	3.270	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.23	252	71214	3.350	ng/ul#	97
83) Benzo(a)anthracene	21.30	228	286128	4.307	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.26	149	123335	3.221	ng/ul#	96
85) Chrysene	21.35	228	278079	4.489	ng/ul	99
87) Di-n-octyl phthalate	22.14	149	205560	3.062	ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	274729	4.107	ng/ul#	96
89) Benzo(k)fluoranthene	22.93	252	280738	4.371	ng/ul#	95
91) Benzo(a)pyrene	23.46	252	282049	4.424	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.81	276	314792	4.139	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.83	278	269090	4.230	ng/ul#	94
94) Benzo(g,h,i)perylene	26.50	276	265790	4.215	ng/ul#	92

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

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