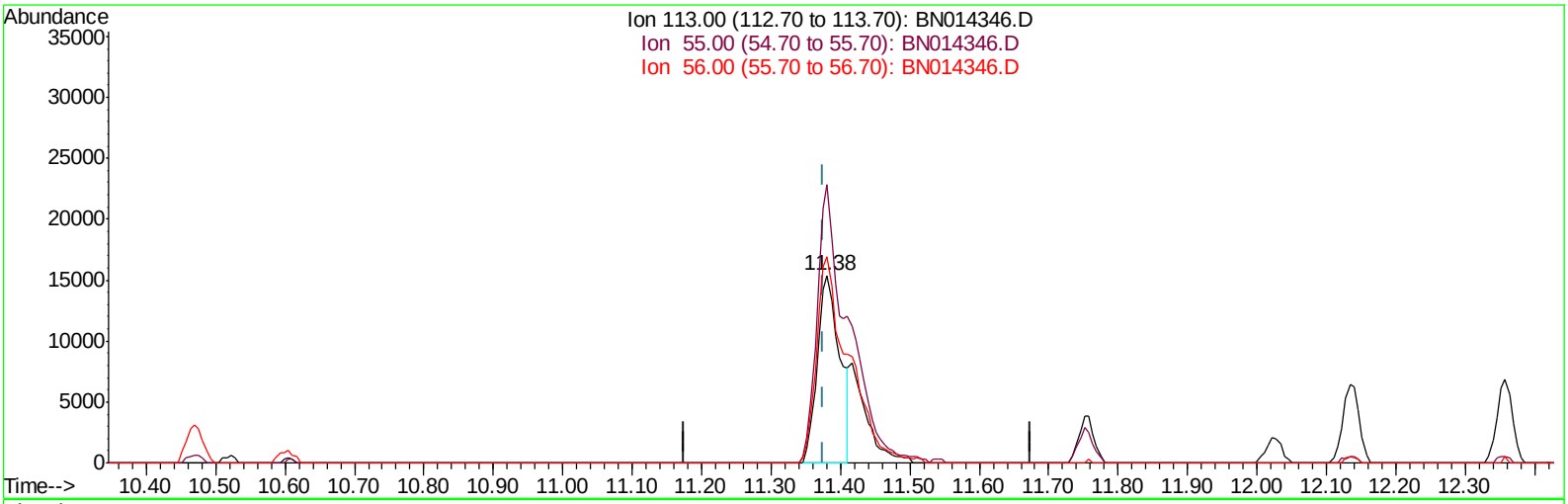
Quantitation Report (Qedit)

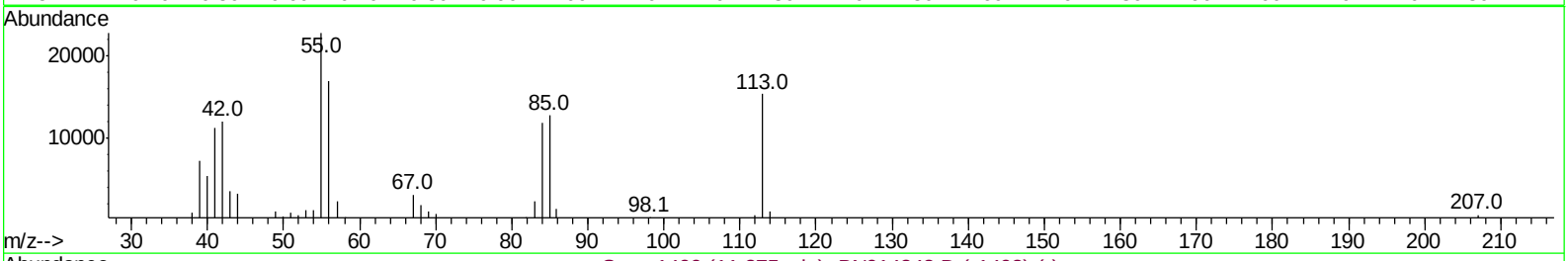
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042121\
Data File : BN014346.D
Acq On : 20 Apr 2021 18:09
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 12 Sample Multiplier: 1

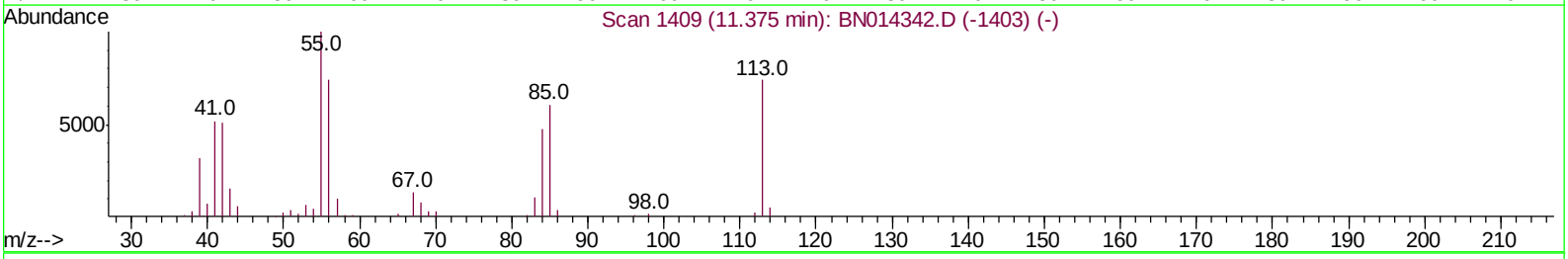
Quant Time: Apr 20 18:40:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 20 16:12:07 2021
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02058

Manual Integrations APPROVED
mohammad
4/21/2021 11:26:46 AM







TIC: BN014346.D

(32) Caprolactam

11.381min (+0.006) 17.24ng/ul

response 34800

Ion	Exp%	Act%
113.00	100	100
55.00	139.00	148.35
56.00	102.30	109.85
0.00	0.00	0.00

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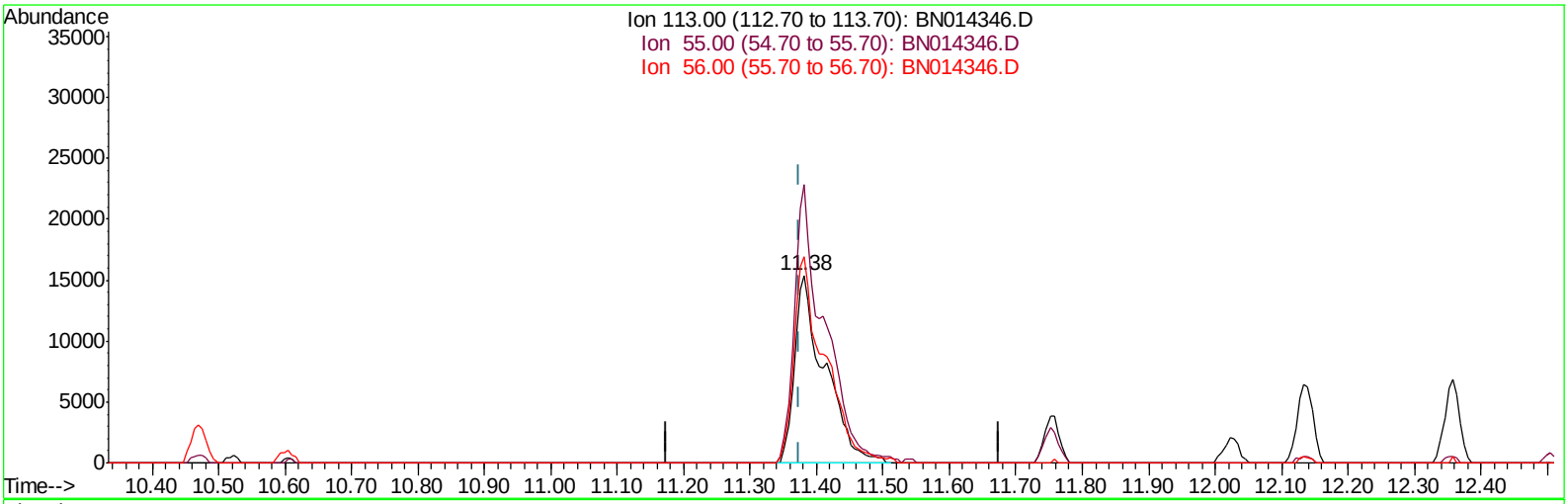

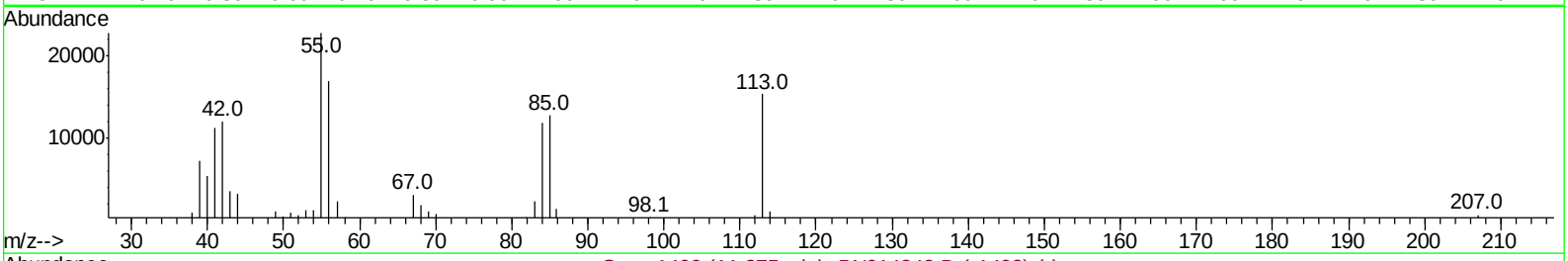

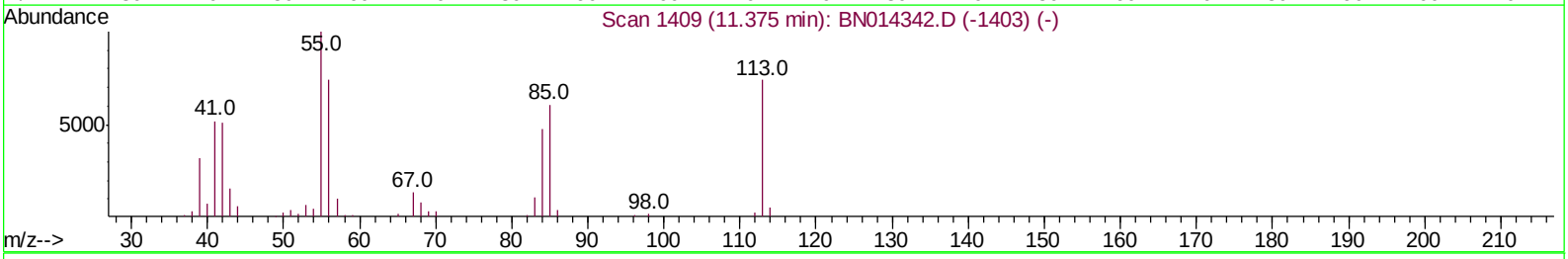

TIC: BN014346.D

(32) Caprolactam

11.381min (+0.006) 24.03ng/ul m

response 48498

Ion	Exp%	Act%
113.00	100	100
55.00	139.00	148.35
56.00	102.30	109.85
0.00	0.00	0.00

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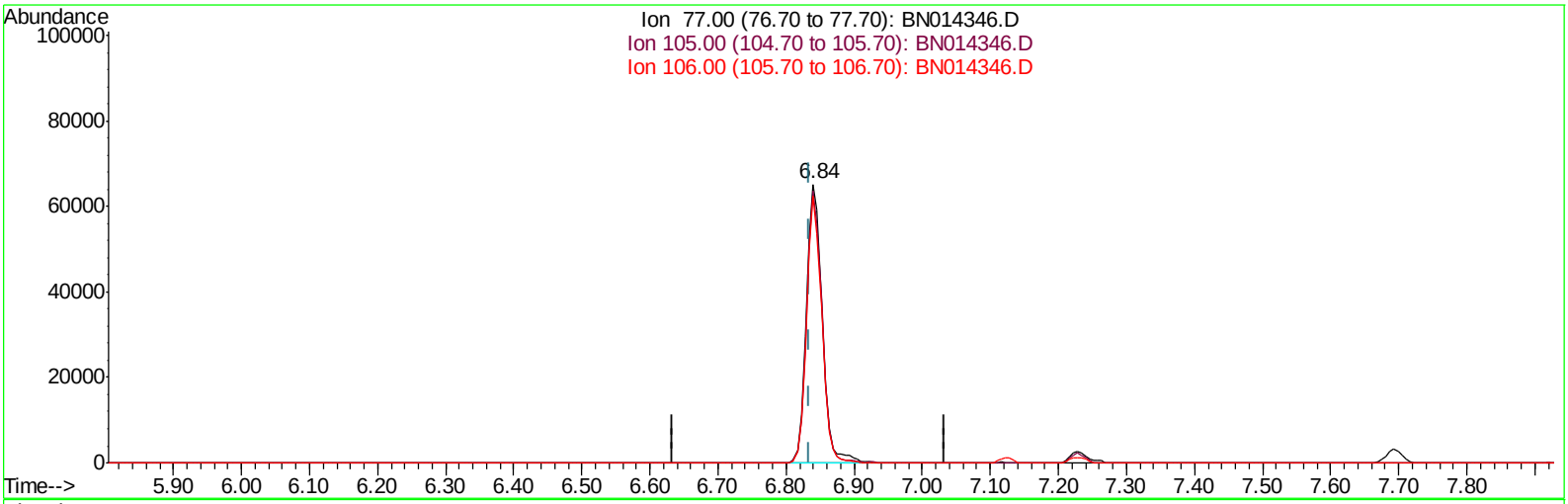

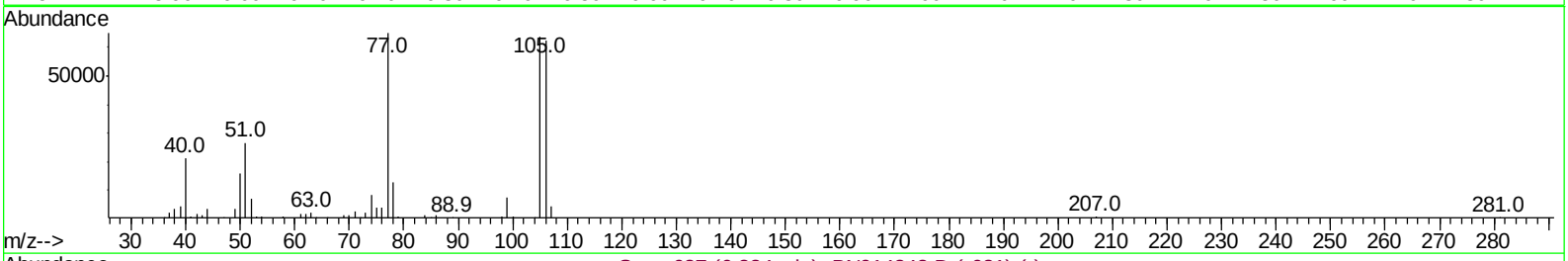

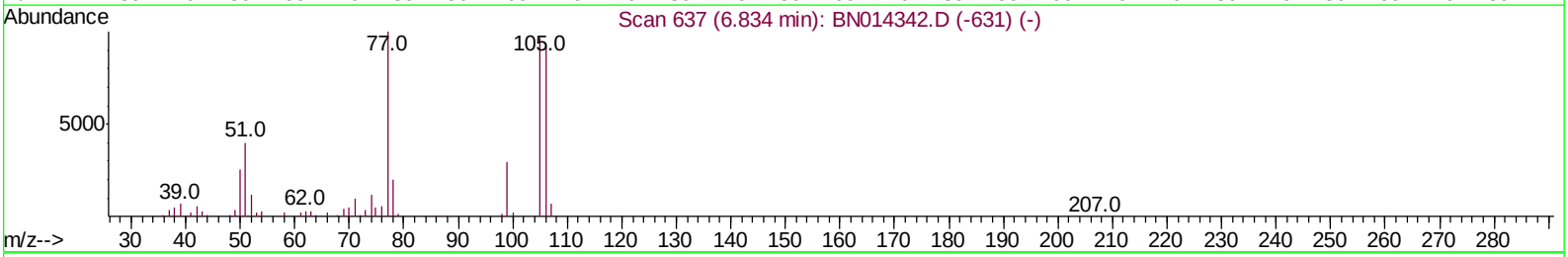

TIC: BN014346.D

(4) Benzaldehyde

6.840min (+0.006) 20.89ng/ul

response 105394

Ion	Exp%	Act%
77.00	100	100
105.00	96.80	97.96
106.00	91.60	95.72
0.00	0.00	0.00

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Sample : SSTDCCC020EC
Misc :
ALS Vial : 12 Sample Multiplier: 1

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QLast Update : Tue Apr 20 16:12:07 2021
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Instrument :
BNA_N
LabSampleId :
SSTD02058

Manual Integrations APPROVED
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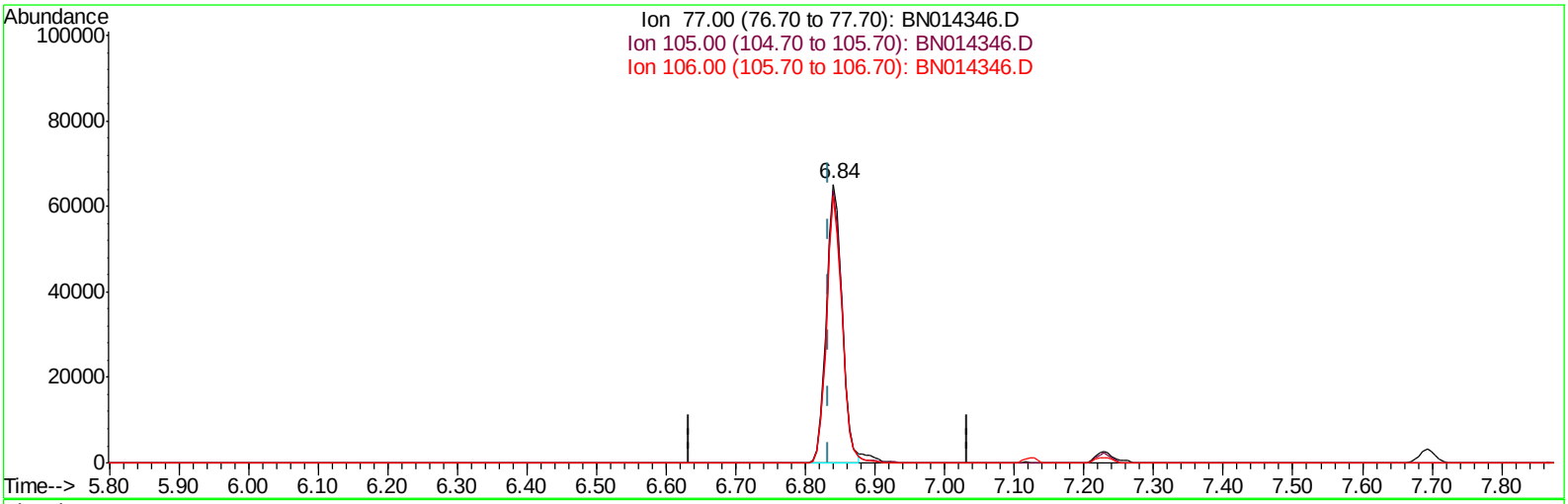

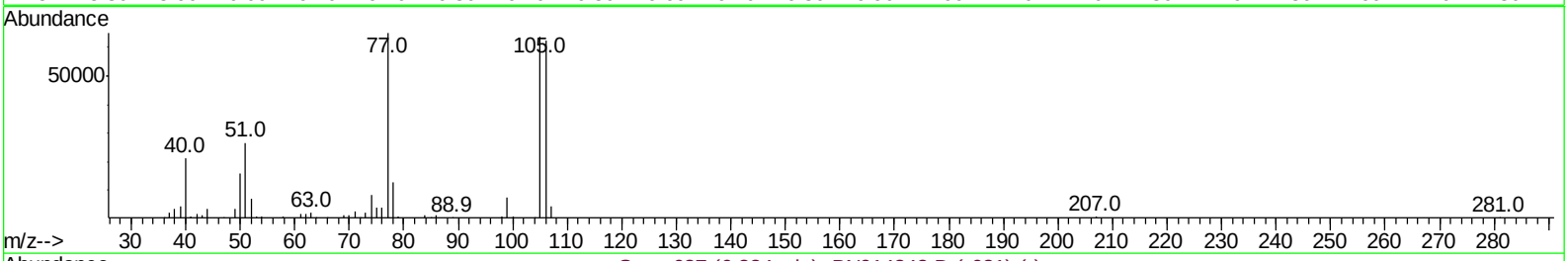

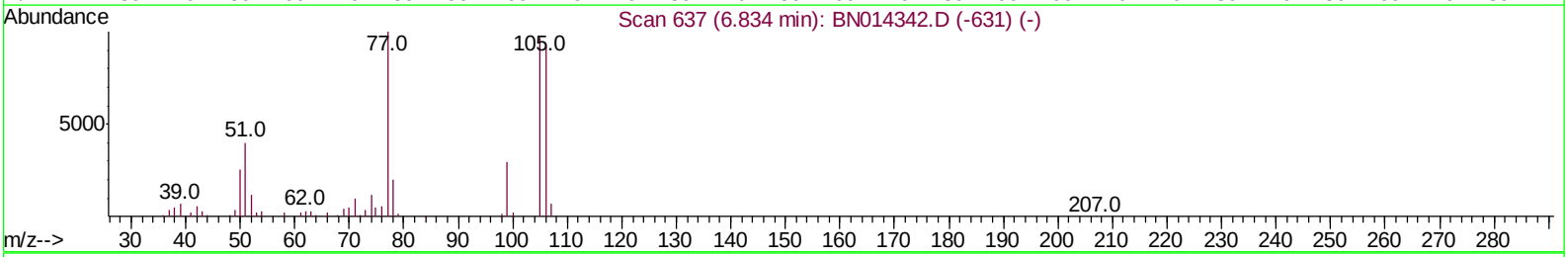

TIC: BN014346.D

(4) Benzaldehyde

6.840min (+0.006) 20.27ng/ul m

response 102287

Ion	Exp%	Act%
77.00	100	100
105.00	96.80	97.96
106.00	91.60	95.72
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042121\
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Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
LabSampleId : SSTD02058

Manual Integrations APPROVED
mohammad
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Quant Time: Apr 20 18:42:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 20 16:12:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	128100	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	514446	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	391557	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	811604	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	862241	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	873235	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	26991	8.30	ng/uL	0.00
5) Phenol-d5	6.86	99	194499	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	121502	20.61	ng/ul	0.01
9) 2-Chlorophenol-d4	7.23	132	152114	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	163774	22.32	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	76610	20.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	66641	20.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	167544	24.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	158766	19.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	528027	20.38	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	702127	20.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	91952	19.30	ng/ul	0.00
58) Fluorene-d10	15.32	176	476212	20.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	65757	17.11	ng/ul	0.00
71) Anthracene-d10	17.17	188	737805	20.61	ng/ul	0.00
78) Pyrene-d10	19.47	212	823979	20.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	893288	20.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	26547	8.051	ng/uL	99
4) Benzaldehyde	6.84	77	102287m	20.272	ng/ul	
6) Phenol	6.89	94	214908	20.289	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.12	93	170303	20.482	ng/ul	99
10) 2-Chlorophenol	7.26	128	167959	20.632	ng/ul	98
11) 2-Methylphenol	8.13	108	156853	20.827	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	188835	20.913	ng/ul	99
14) Acetophenone	8.50	105	269316	21.294	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.49	70	147272	24.546	ng/ul	98
16) 4-Methylphenol	8.45	108	189247	23.063	ng/ul	97
17) Hexachloroethane	8.76	117	76187	20.929	ng/ul	98
20) Nitrobenzene	8.88	77	198750	20.876	ng/ul	99
21) Isophorone	9.40	82	409058	26.204	ng/ul	99
23) 2-Nitrophenol	9.59	139	80025	20.243	ng/ul	96
24) 2,4-Dimethylphenol	9.65	107	214663	24.700	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.89	93	236431	22.538	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	175200	23.907	ng/ul	99
28) Naphthalene	10.52	128	544984	20.384	ng/ul	99
30) 4-Chloroaniline	10.63	127	169958	19.383	ng/ul	98
31) Hexachlorobutadiene	10.81	225	100950	19.819	ng/ul	96
32) Caprolactam	11.38	113	48498m	24.029	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	186202	27.010	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	422756	23.136	ng/ul	96

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.36	142	404900	22.874 ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	229498	18.463 ng/ul	98
38) Hexachlorocyclopentadiene	12.49	237	121474	16.264 ng/ul	97
39) 2,4,6-Trichlorophenol	12.75	196	130150	20.008 ng/ul	96
40) 2,4,5-Trichlorophenol	12.82	196	152727	20.401 ng/ul	96
41) 1,1'-Biphenyl	13.16	154	582968	19.342 ng/ul	98
42) 2-Chloronaphthalene	13.20	162	443339	18.732 ng/ul	98
43) 2-Nitroaniline	13.40	65	119935	21.709 ng/ul	98
45) Dimethylphthalate	13.79	163	563014	20.856 ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	107985	21.692 ng/ul	96
48) Acenaphthylene	14.05	152	682465	20.030 ng/ul	99
49) 3-Nitroaniline	14.23	138	100252	18.813 ng/ul	97
50) Acenaphthene	14.39	153	489846	19.820 ng/ul	98
51) 2,4-Dinitrophenol	14.43	184	38878	15.206 ng/ul	98
53) 4-Nitrophenol	14.54	109	82749	20.156 ng/ul	95
54) Dibenzofuran	14.73	168	698785	20.047 ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	158450	22.094 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.96	232	120218	20.860 ng/ul	91
57) Diethylphthalate	15.16	149	557568	21.443 ng/ul	99
59) Fluorene	15.38	166	576368	20.716 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.37	204	284540	20.606 ng/ul	99
61) 4-Nitroaniline	15.39	138	120482	20.007 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.45	198	72915	18.046 ng/ul	95
65) N-Nitrosodiphenylamine	15.59	169	471792	20.499 ng/ul	98
66) 4-Bromophenyl-phenylether	16.27	248	160996	20.012 ng/ul	91
67) Hexachlorobenzene	16.38	284	195720	20.438 ng/ul	97
68) Atrazine	16.55	200	151008	19.254 ng/ul	99
69) Pentachlorophenol	16.73	266	87962	17.887 ng/ul	95
70) Phenanthrene	17.12	178	894648	20.278 ng/ul	97
72) Anthracene	17.20	178	926703	20.810 ng/ul	99
73) Pentachlorobenzene	14.65	250	235435	19.731 ng/uL	98
74) Carbazole	17.47	167	774818	20.053 ng/ul	99
75) Di-n-butylphthalate	18.05	149	847178	20.891 ng/ul	99
76) Fluoranthene	19.14	202	1032746	21.518 ng/ul	99
79) Pyrene	19.50	202	1082925	20.756 ng/ul	99
80) Butylbenzylphthalate	20.41	149	354777	21.664 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.19	252	253926	18.905 ng/ul	96
82) Benzo(a)anthracene	21.25	228	1077587	20.993 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	578189	22.253 ng/ul	99
84) Chrysene	21.30	228	1047787	21.052 ng/ul	98
86) Di-n-octyl phthalate	22.07	149	906554	19.090 ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	1114306	21.349 ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	1093152	20.519 ng/ul	97
90) Benzo(a)pyrene	23.40	252	995985	20.779 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	1285424	20.424 ng/ul	97
92) Dibenzo(a,h)anthracene	25.76	278	1066598	20.089 ng/ul	99
93) Benzo(g,h,i)perylene	26.43	276	1044799	20.277 ng/ul	98

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

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