Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\

Quantitation Report (Qedit)

Data File : BN009724.D
Acq On : 14 Feb 2020 14:13
Operator : CG/JU
Sample : K5695-11
Misc : MDL-WATER-04
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 17 00:51:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
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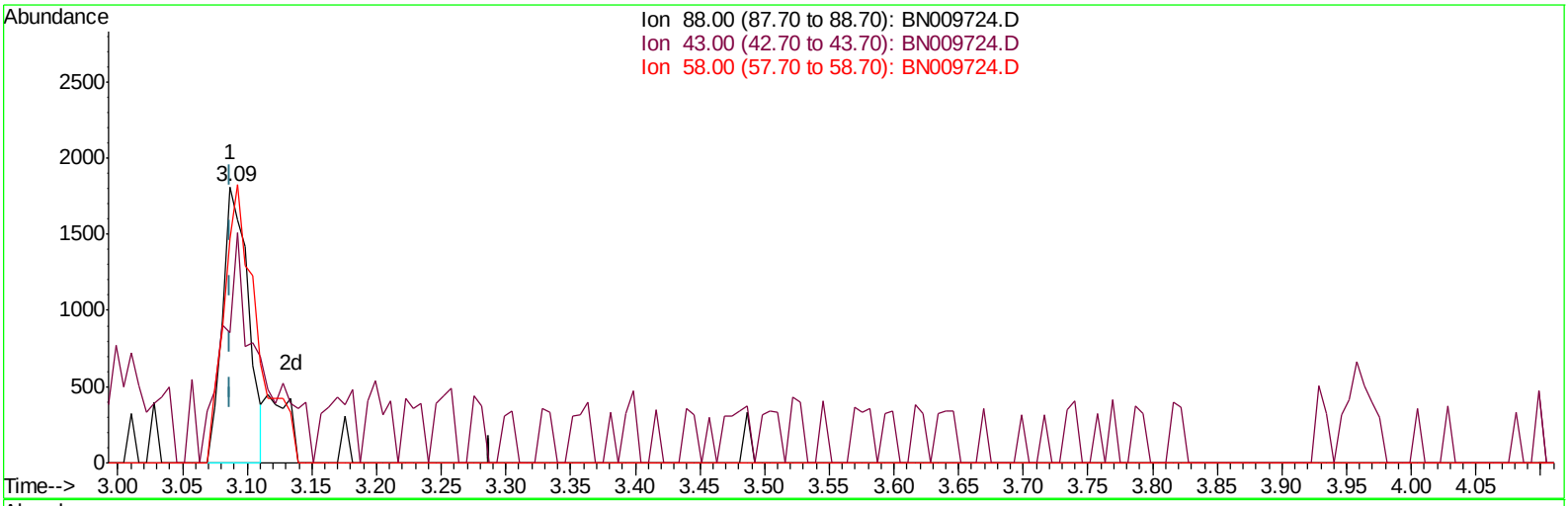

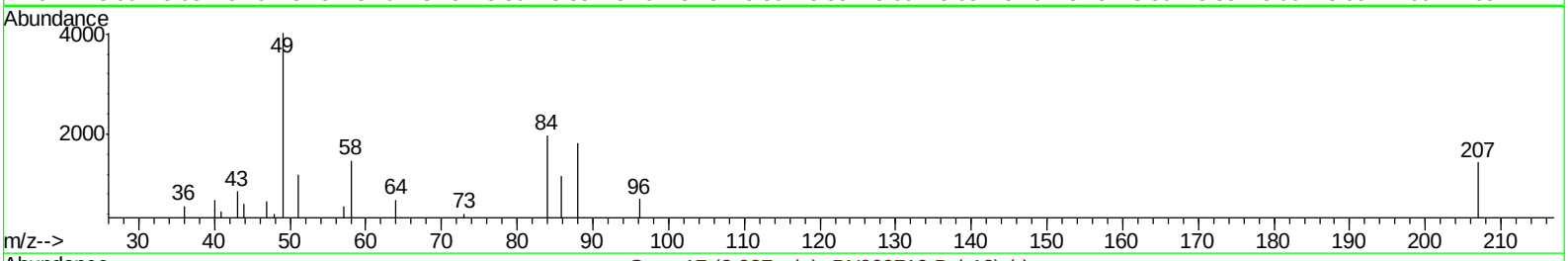

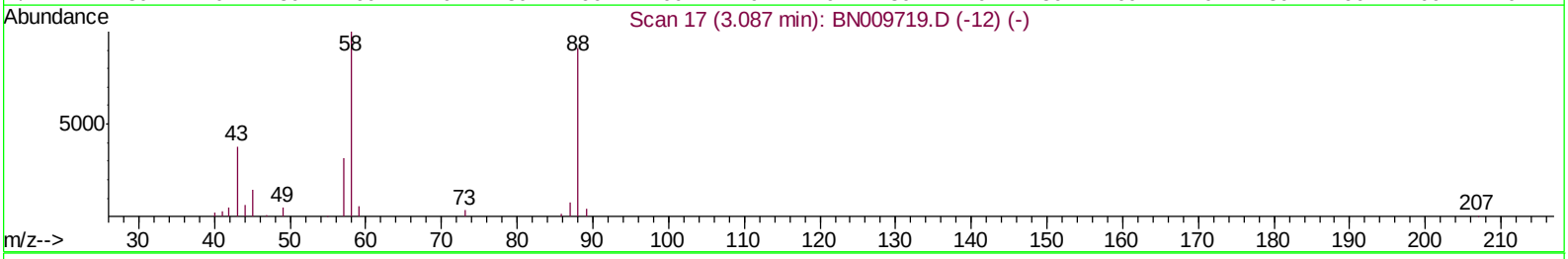

TIC: BN009724.D

(2) 1,4-Dioxane

3.087min (-0.000) 0.86ng/uL

response 2519

Ion	Exp%	Act%
88.00	100	100
43.00	55.90	47.10
58.00	120.20	81.32#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\

Quantitation Report (Qedit)

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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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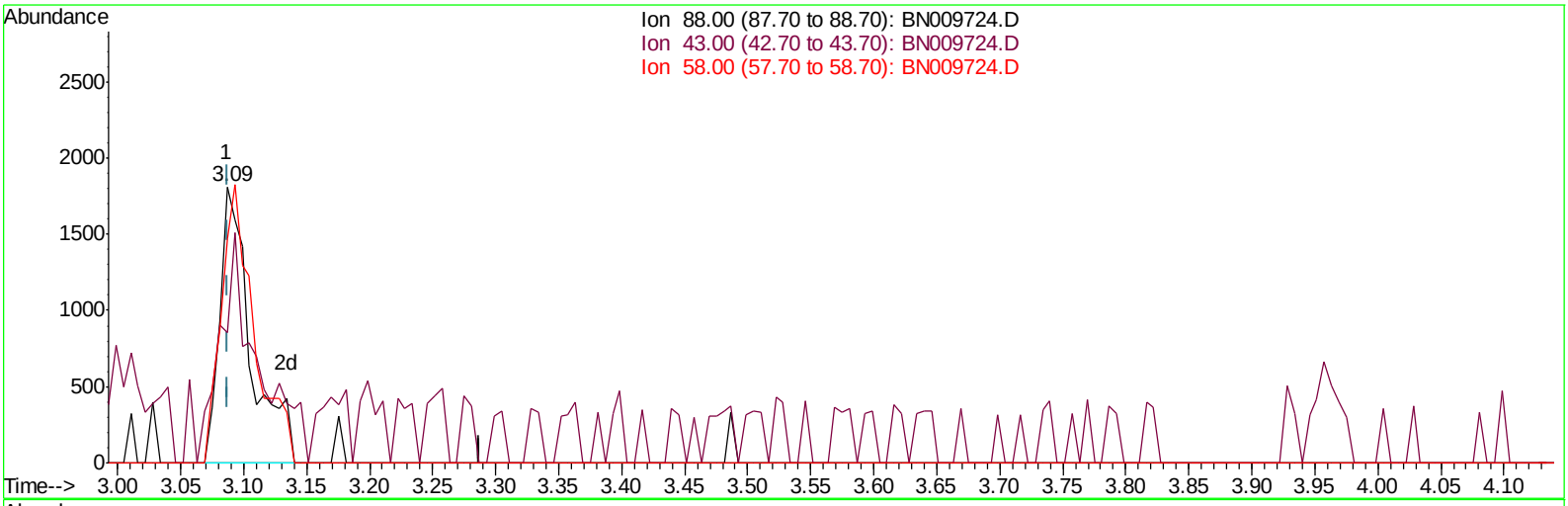

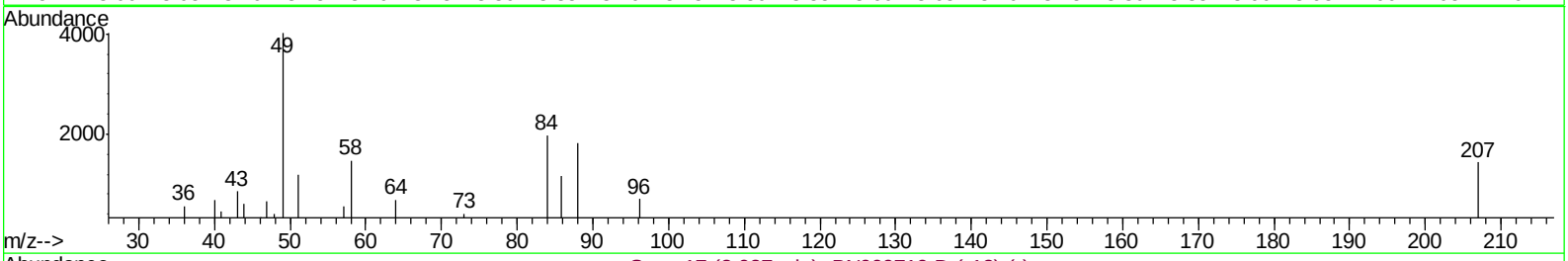

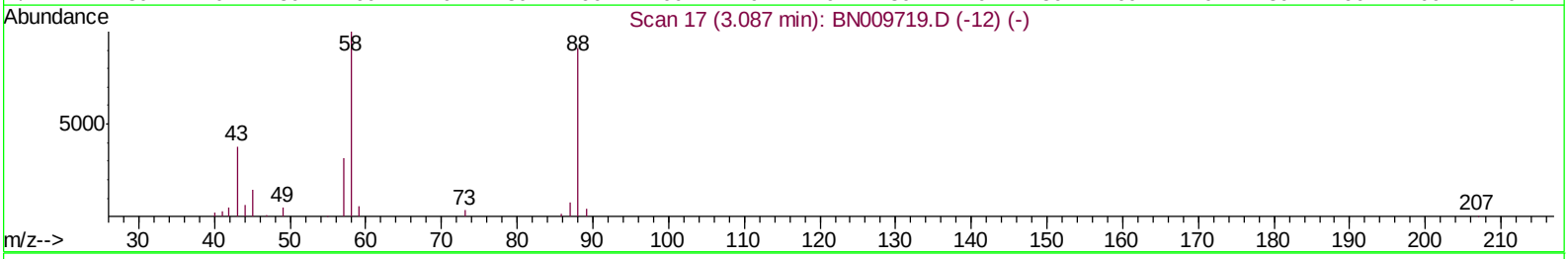

TIC: BN009724.D

(2) 1,4-Dioxane

3.087min (-0.000) 1.06ng/uL m

response 3092

Ion	Exp%	Act%
88.00	100	100
43.00	55.90	47.10
58.00	120.20	81.32#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\

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Manual Integrations APPROVED
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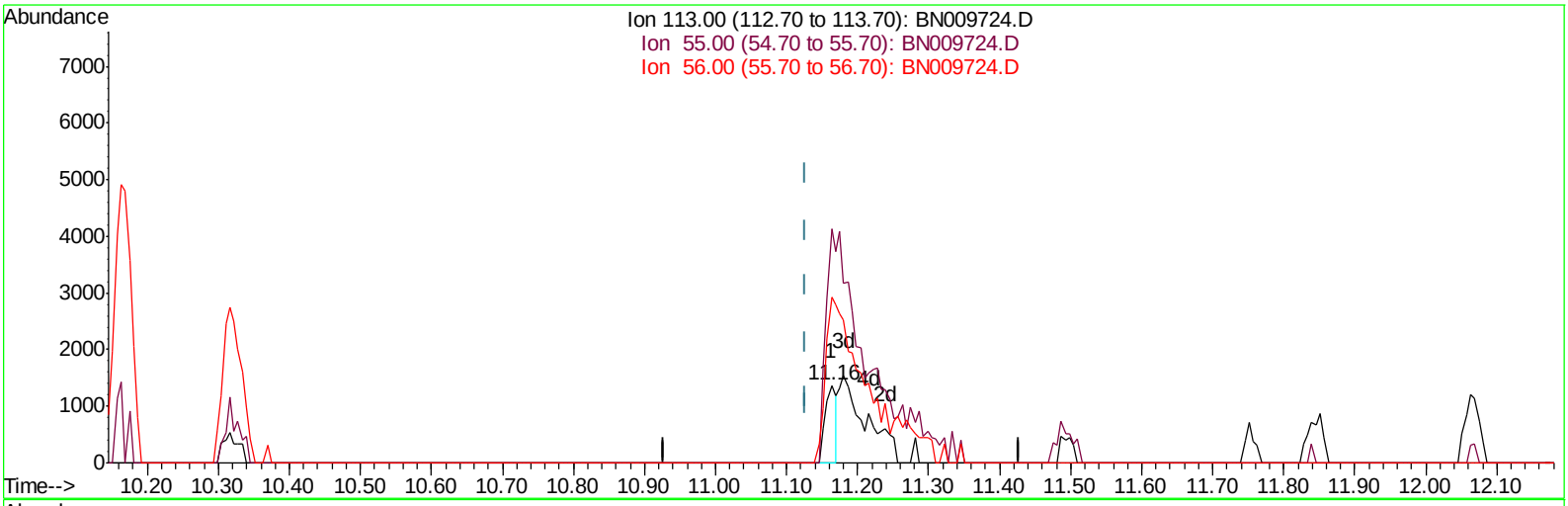

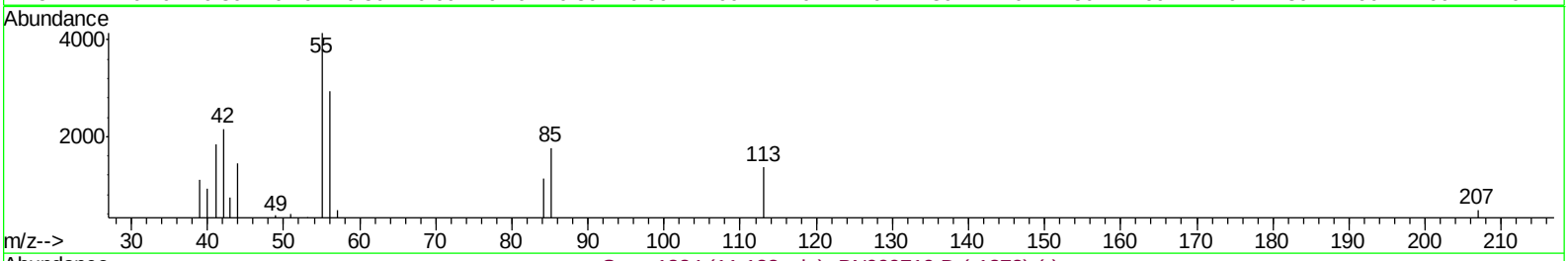

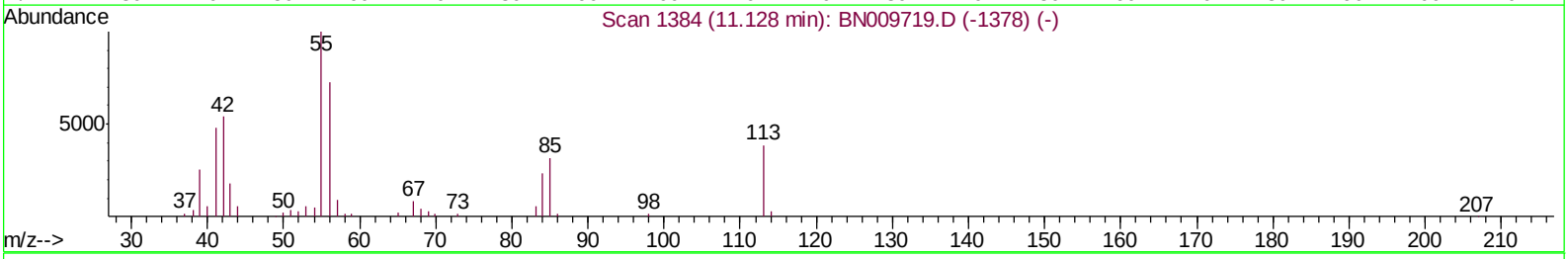

TIC: BN009724.D

(32) Caprolactam

11.163min (+0.035) 0.67ng/ul

response 1496

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	302.41
56.00	202.00	213.87
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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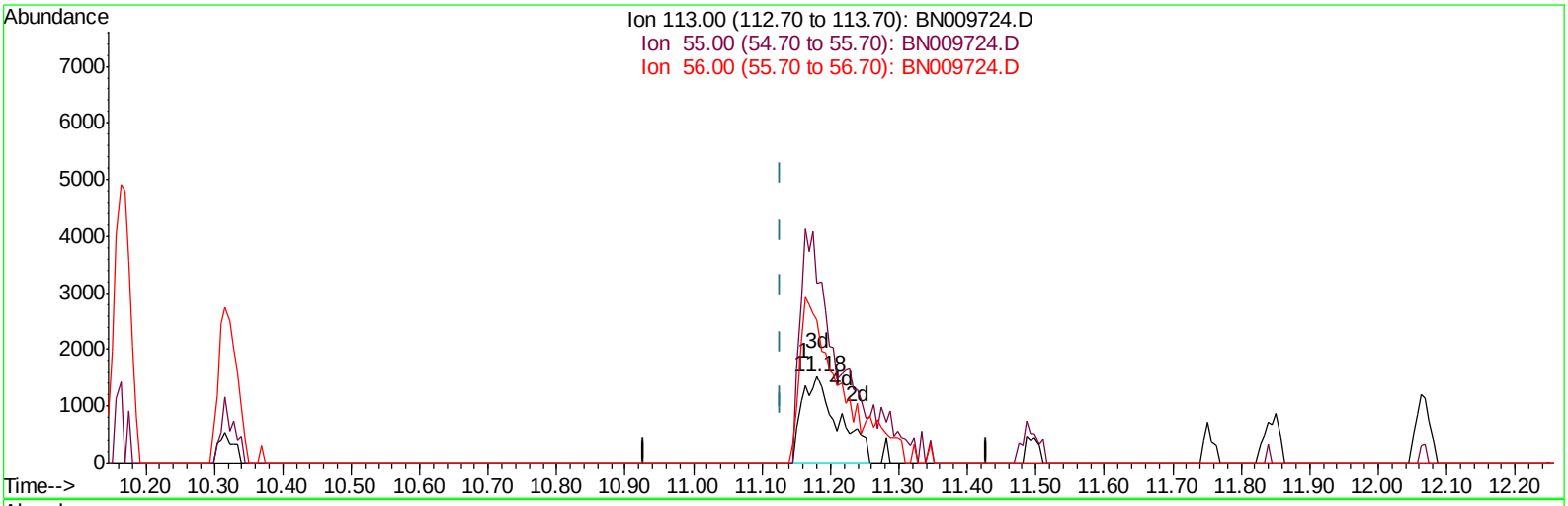

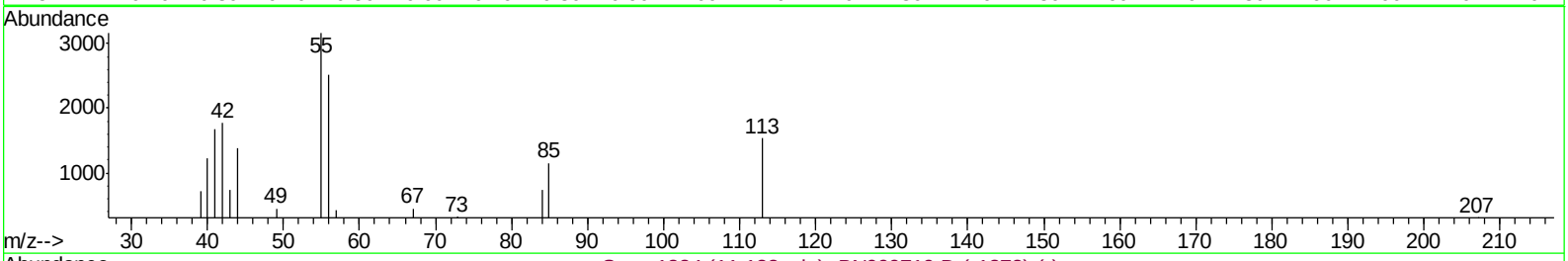

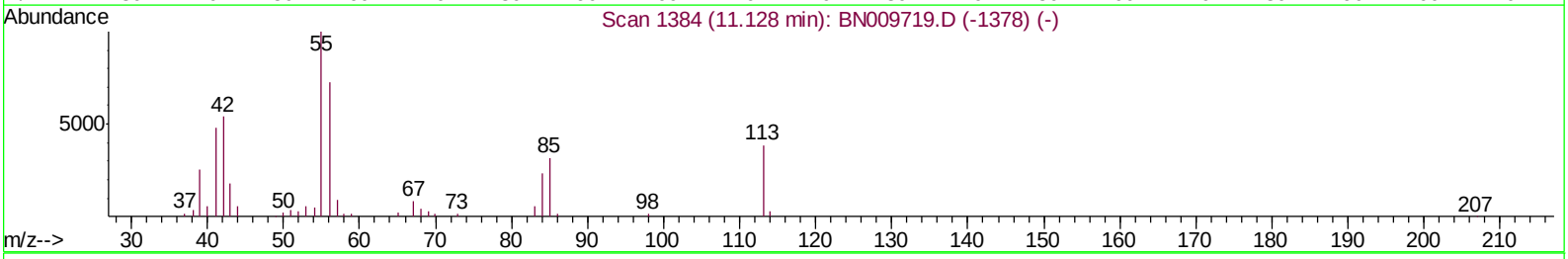

TIC: BN009724.D

(32) Caprolactam

11.181min (+0.053) 2.49ng/ul m

response 5576

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	206.13#
56.00	202.00	164.60
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\

Quantitation Report (QT Reviewed)

Data File : BN009724.D
Acq On : 14 Feb 2020 14:13
Operator : CG/JU
Sample : K5695-11
Misc : MDL-WATER-04
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
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Quant Time: Feb 17 01:34:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	104559	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	430722	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	278354	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	599938	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	588500	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	596222	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	12609	4.96	ng/uL	0.00
5) Phenol-d5	6.62	99	265510	29.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	188422	30.70	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	211933	31.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	209736	29.65	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	99980	31.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	110175	31.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	199336	30.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	284687	38.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	662364	31.86	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	810845	33.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	98799	26.02	ng/ul	0.00
58) Fluorene-d10	15.06	176	557776	31.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	96966	26.02	ng/ul	0.00
71) Anthracene-d10	16.91	188	870105	31.64	ng/ul	0.00
79) Pyrene-d10	19.22	212	951404	30.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	933119	31.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	3092m	1.059	ng/uL	
4) Benzaldehyde	6.59	77	23793	4.023	ng/ul	91
6) Phenol	6.65	94	30855	3.238	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.87	93	24325	3.247	ng/ul	97
10) 2-Chlorophenol	6.99	128	23100	3.275	ng/ul	92
11) 2-Methylphenol	7.87	108	20167	2.892	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.95	45	65918	3.590	ng/ul#	96
14) Acetophenone	8.24	105	37538	3.256	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.23	70	20341	3.377	ng/ul	98
16) 4-Methylphenol	8.20	108	23833	3.114	ng/ul	98
17) Hexachloroethane	8.47	117	10688	3.331	ng/ul	98
20) Nitrobenzene	8.60	77	33917	3.653	ng/ul	98
21) Isophorone	9.13	82	50306	3.078	ng/ul	97
23) 2-Nitrophenol	9.30	139	13805	3.579	ng/ul	97
24) 2,4-Dimethylphenol	9.38	107	27804	3.320	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.61	93	33093	3.313	ng/ul	99
27) 2,4-Dichlorophenol	9.83	162	21637	3.236	ng/ul#	84
28) Naphthalene	10.22	128	79870	3.439	ng/ul	97
30) 4-Chloroaniline	10.34	127	27317	3.583	ng/ul	95
31) Hexachlorobutadiene	10.50	225	15986	3.575	ng/ul	94
32) Caprolactam	11.18	113	5576m	2.487	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	21514	2.814	ng/ul	97
34) 2-Methylnaphthalene	11.85	142	55328	3.431	ng/ul	95

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Quantitation Report (QT Reviewed)

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Operator : CG/JU
Sample : K5695-11
Misc : MDL-WATER-04
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
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Quant Time: Feb 17 01:34:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	57655	3.566	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	28732	3.482	ng/ul	97
38) Hexachlorocyclopentadiene	12.20	237	4206	1.178	ng/ul#	91
39) 2,4,6-Trichlorophenol	12.49	196	14278	2.727	ng/ul	98
40) 2,4,5-Trichlorophenol	12.56	196	16092	2.865	ng/ul	85
41) 1,1'-Biphenyl	12.88	154	72336	3.383	ng/ul	94
42) 2-Chloronaphthalene	12.92	162	56255	3.313	ng/ul	99
43) 2-Nitroaniline	13.15	65	16257	2.618	ng/ul	91
45) Dimethylphthalate	13.53	163	75054	3.460	ng/ul#	98
46) 2,6-Dinitrotoluene	13.66	165	11374	2.678	ng/ul	98
48) Acenaphthylene	13.77	152	90643	3.420	ng/ul	97
49) 3-Nitroaniline	13.99	138	10684	2.725	ng/ul	94
50) Acenaphthene	14.12	153	61268	3.372	ng/ul	98
51) 2,4-Dinitrophenol	14.23	184	2338	0.959	ng/ul#	78
53) 4-Nitrophenol	14.32	109	10673	3.115	ng/ul	89
54) Dibenzofuran	14.47	168	88205	3.459	ng/ul	96
55) 2,4-Dinitrotoluene	14.46	165	17835	2.833	ng/ul#	77
56) 2,3,4,6-Tetrachlorophenol	14.70	232	14278	2.956	ng/ul#	97
57) Diethylphthalate	14.92	149	70962	3.185	ng/ul	97
59) Fluorene	15.12	166	73162	3.418	ng/ul	85
60) 4-Chlorophenyl-phenylether	15.12	204	35756	3.388	ng/ul	96
61) 4-Nitroaniline	15.17	138	8695	1.818	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.23	198	12387	3.085	ng/ul#	47
65) N-Nitrosodiphenylamine	15.34	169	58557	3.290	ng/ul	97
66) 4-Bromophenyl-phenylether	16.02	248	19413	3.234	ng/ul	98
67) Hexachlorobenzene	16.13	284	21687	3.265	ng/ul	96
68) Atrazine	16.31	200	18258	2.704	ng/ul	96
69) Pentachlorophenol	16.49	266	6957	1.812	ng/ul	86
70) Phenanthrene	16.86	178	119858	3.501	ng/ul	98
72) Anthracene	16.95	178	118750	3.393	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	30938	3.530	ng/uL	87
74) Pentachlorobenzene	14.39	250	27559	3.260	ng/uL	98
75) Carbazole	17.23	167	88086	2.858	ng/ul	97
76) Di-n-butylphthalate	17.81	149	105457	2.772	ng/ul	99
77) Fluoranthene	18.89	202	126364	3.151	ng/ul	98
80) Pyrene	19.25	202	138889	3.274	ng/ul	97
81) Butylbenzylphthalate	20.19	149	41788	2.396	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.96	252	34787	2.711	ng/ul	99
83) Benzo(a)anthracene	21.02	228	125171	3.095	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	63826	2.397	ng/ul#	99
85) Chrysene	21.07	228	126980	3.189	ng/ul	96
87) Di-n-octyl phthalate	21.82	149	106343	2.357	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	122075	3.158	ng/ul	98
89) Benzo(k)fluoranthene	22.56	252	123347	3.370	ng/ul	97
91) Benzo(a)pyrene	23.05	252	116337	3.346	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.20	276	132702	3.215	ng/ul	98
93) Dibenzo(a,h)anthracene	25.20	278	110347	3.125	ng/ul	96
94) Benzo(g,h,i)perylene	25.82	276	112914	3.262	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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