Quantitation Report (Qedit)

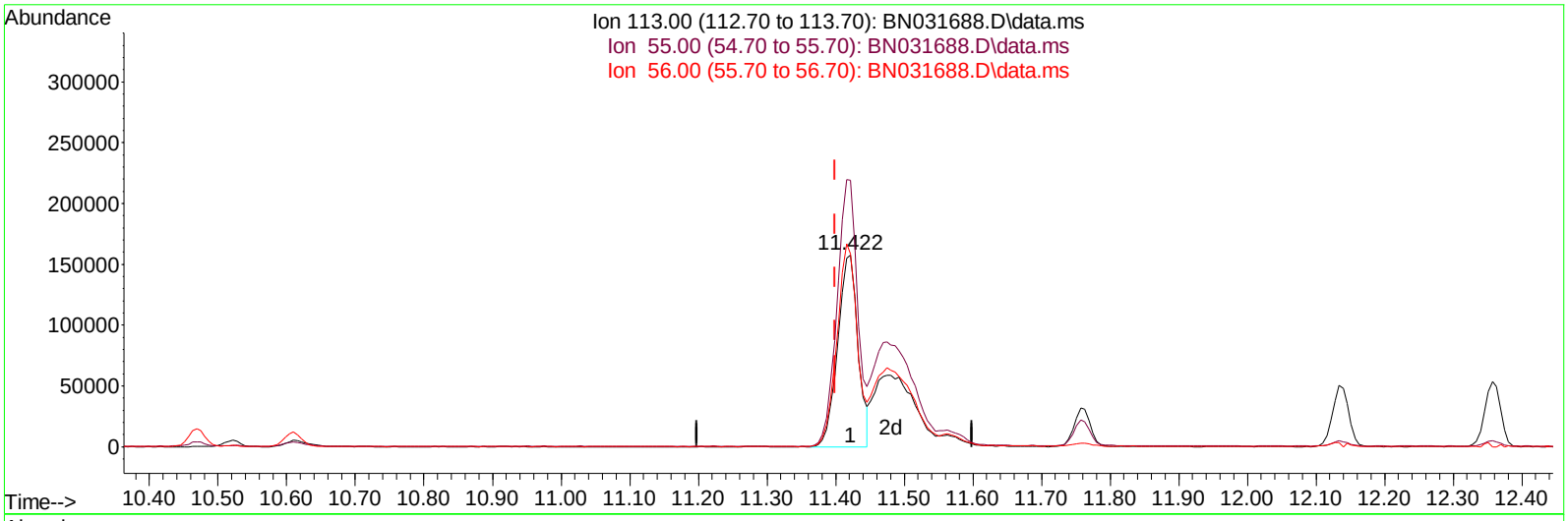
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031688.D
Acq On : 29 May 2024 13:18
Operator : MA/JU
Sample : SSTD04071
Misc :
ALS Vial : 6 Sample Multiplier: 1

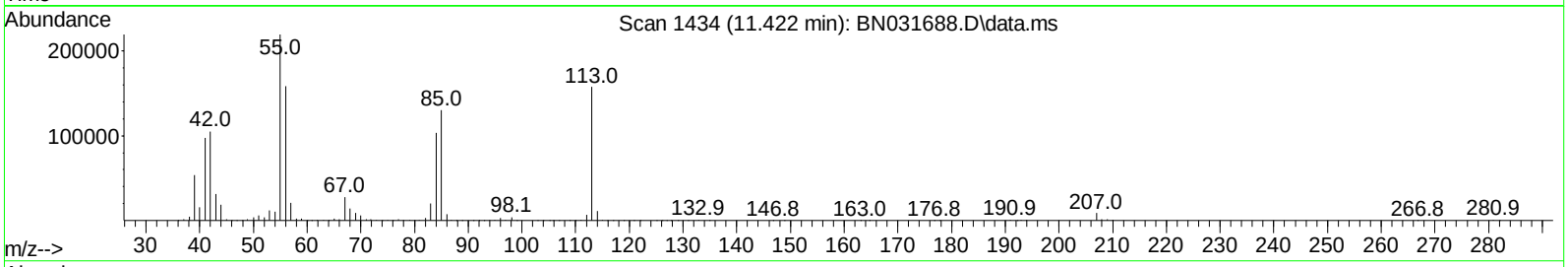
Quant Time: May 29 13:50:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 13:30:10 2024
Response via : Initial Calibration

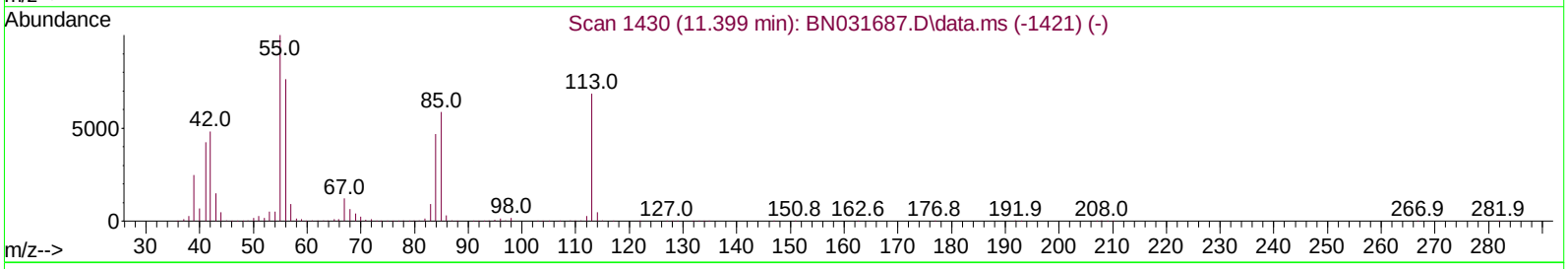
Instrument :
BNA_N
ClientSampleId :
SSTD040206

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024







TIC: BN031688.D\data.ms

(34) Caprolactam

11.422min (+ 0.023) 25.91 ng/ul

response 322341

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	139.14
56.00	111.70	100.73
0.00	0.00	0.00

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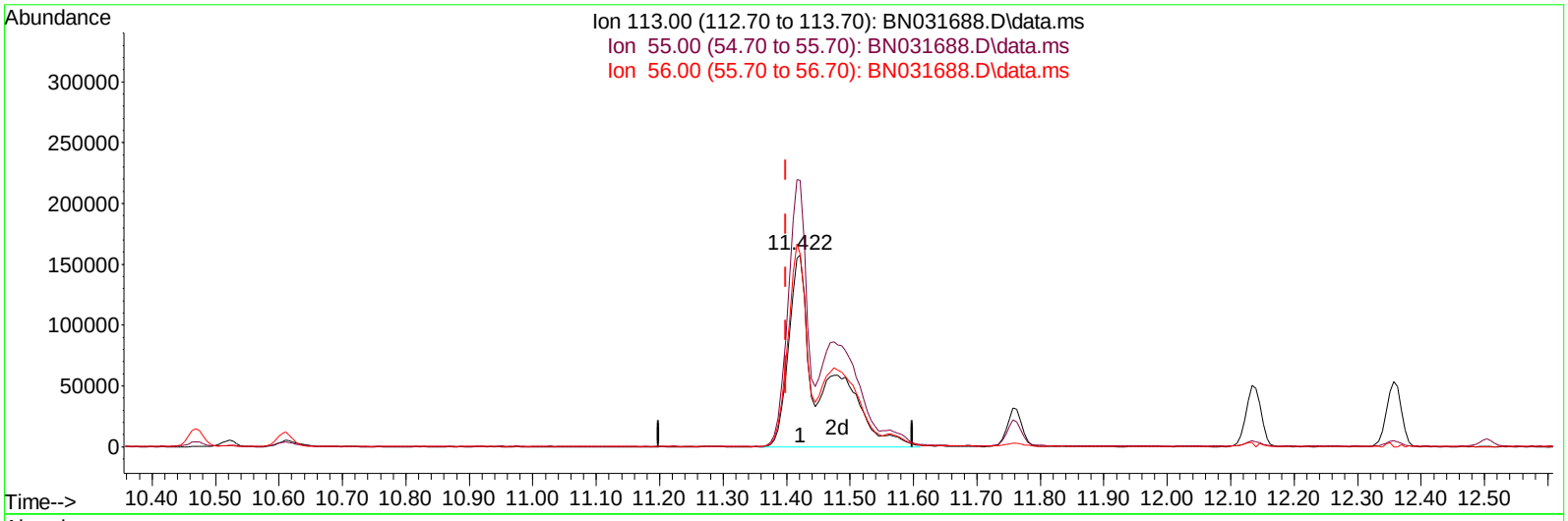

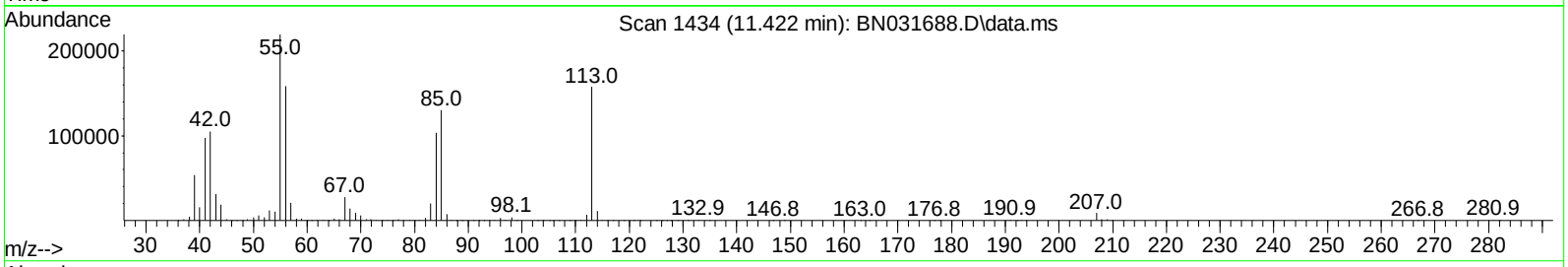

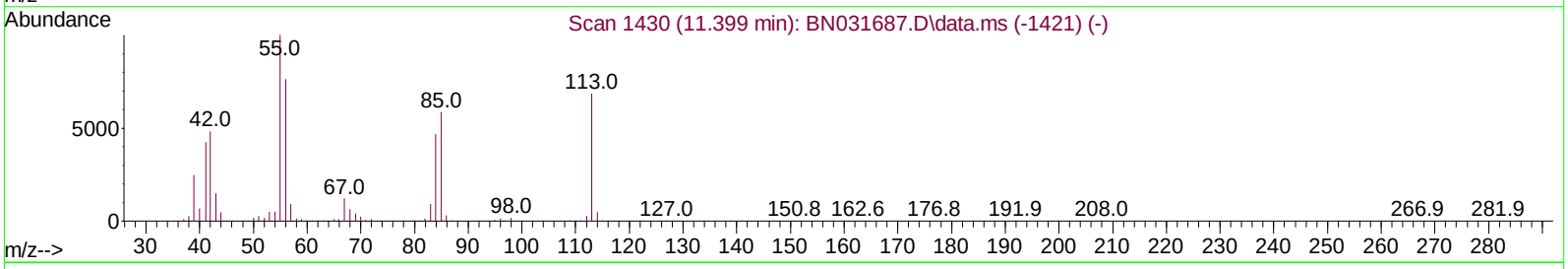

TIC: BN031688.D\data.ms

(34) Caprolactam

11.422min (+ 0.023) 47.00 ng/ul m

response 584733

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	139.14
56.00	111.70	100.73
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTD04071
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 29 14:30:37 2024
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	560906	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2497662	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.327	164	1603522	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.074	188	3307526	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	3082999	20.000	ng/ul	0.00
88) Perylene-d12	24.250	264	3497502	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	215136	15.201	ng/uL	0.00
4) Pyridine-d5	3.593	84	1601245	40.372	ng/ul	0.00
7) Phenol-d5	6.857	99	1982298	42.023	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	1159219	41.103	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	1493117	41.163	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	1589743	42.707	ng/ul	0.00
21) Nitrobenzene-d5	8.845	128	788565	41.008	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	838540	44.757	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	1521982	41.938	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	2241901	42.397	ng/ul	0.00
46) Dimethylphthalate-d6	13.745	166	4475868	42.582	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	5175001	40.317	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	941133	46.090	ng/ul	0.00
60) Fluorene-d10	15.322	176	3779408	41.801	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	701751	45.891	ng/ul	0.00
73) Anthracene-d10	17.174	188	5671649	39.893	ng/ul	0.00
81) Pyrene-d10	19.468	212	6581195	33.962	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.051	264	6956604	41.741	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	230372	15.476	ng/uL	99
5) Pyridine	3.616	79	1586631	40.546	ng/ul	97
6) Benzaldehyde	6.834	77	1024652	42.589	ng/ul	100
8) Phenol	6.881	94	2022983	41.879	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.122	93	1666752	41.453	ng/ul	99
12) 2-Chlorophenol	7.251	128	1562668	41.092	ng/ul	100
13) 2-Methylphenol	8.128	108	1551891	42.262	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.210	45	1923257	41.324	ng/ul	99
16) Acetophenone	8.510	105	2440303	42.173	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.504	70	1226458	41.000	ng/ul	98
18) 4-Methylphenol	8.457	108	1689849	43.058	ng/ul	99
19) Hexachloroethane	8.757	117	651864	40.211	ng/ul	97
22) Nitrobenzene	8.887	77	1852500	39.661	ng/ul	97
23) Isophorone	9.410	82	3737005	40.985	ng/ul	99
25) 2-Nitrophenol	9.592	139	910201	43.935	ng/ul	99
26) 2,4-Dimethylphenol	9.651	107	1697882	40.452	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.892	93	2312930	40.134	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	1466117	40.962	ng/ul	98
30) Naphthalene	10.522	128	5121494	39.339	ng/ul	99
32) 4-Chloroaniline	10.634	127	2187839	42.499	ng/ul	100
33) Hexachlorobutadiene	10.804	225	859841	39.767	ng/ul	97
34) Caprolactam	11.422	113	584733m	46.998	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	1745382	43.697	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.133	142	3488217	40.266	ng/ul	98
37) 1-Methylnaphthalene	12.357	142	3468513	40.222	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.504	216	1707574	37.915	ng/ul	97
40) Hexachlorocyclopentadiene	12.481	237	1024389	38.317	ng/ul	98
41) 2,4,6-Trichlorophenol	12.751	196	1211153	42.471	ng/ul	95
42) 2,4,5-Trichlorophenol	12.816	196	1254938	40.495	ng/ul	97
43) 1,1'-Biphenyl	13.157	154	4482271	38.764	ng/ul	99
44) 2-Chloronaphthalene	13.198	162	3515652	38.460	ng/ul	99
45) 2-Nitroaniline	13.410	65	1084398	43.914	ng/ul	93
47) Dimethylphthalate	13.792	163	4642438	43.228	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	976675	47.048	ng/ul	99
50) Acenaphthylene	14.051	152	5758288	38.979	ng/ul	100
51) 3-Nitroaniline	14.239	138	1026644	43.849	ng/ul	97
52) Acenaphthene	14.392	153	3814621	39.631	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	451518	46.013	ng/ul	99
55) 4-Nitrophenol	14.551	109	689316	45.084	ng/ul	94
56) Dibenzofuran	14.727	168	5162251	40.080	ng/ul	98
57) 2,4-Dinitrotoluene	14.698	165	1411859	49.456	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.951	232	1080409	46.191	ng/ul	97
59) Diethylphthalate	15.163	149	4741440	45.670	ng/ul	100
61) Fluorene	15.380	166	4077686	40.115	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.374	204	1954168	39.570	ng/ul	97
63) 4-Nitroaniline	15.410	138	1001014	46.820	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	758206	45.665	ng/ul	96
67) N-Nitrosodiphenylamine	15.592	169	3715863	38.277	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	1272447	38.339	ng/ul	96
69) Hexachlorobenzene	16.374	284	1475543	40.468	ng/ul	99
70) Atrazine	16.551	200	1243124	45.310	ng/ul	98
71) Pentachlorophenol	16.716	266	1004633	46.281	ng/ul	90
72) Phenanthrene	17.116	178	6796972	40.183	ng/ul	99
74) Anthracene	17.204	178	6807882	39.909	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	1772034	35.398	ng/uL	98
76) Pentachlorobenzene	14.645	250	1673111	35.846	ng/uL	97
77) Carbazole	17.480	167	6353941	43.221	ng/ul	99
78) Di-n-butylphthalate	18.045	149	8363880	47.417	ng/ul	99
80) Fluoranthene	19.133	202	7870615	32.784	ng/ul	99
82) Pyrene	19.498	202	7913609	32.386	ng/ul	99
83) Butylbenzylphthalate	20.410	149	3996747	45.054	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.221	252	2634878	42.922	ng/ul	94
85) Benzo(a)anthracene	21.292	228	8373977	39.941	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	5594868	45.697	ng/ul	99
87) Chrysene	21.351	228	7605151	38.874	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	10476117	48.685	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	8395002	40.246	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	8220841	39.221	ng/ul	99
93) Benzo(a)pyrene	24.115	252	8111670	41.090	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.544	276	9427380	40.209	ng/ul	99
95) Dibenzo(a,h)anthracene	27.621	278	7694128	39.920	ng/ul	97
96) Benzo(g,h,i)perylene	28.591	276	7504466	39.088	ng/ul	100

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

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