Quantitation Report (Qedit)

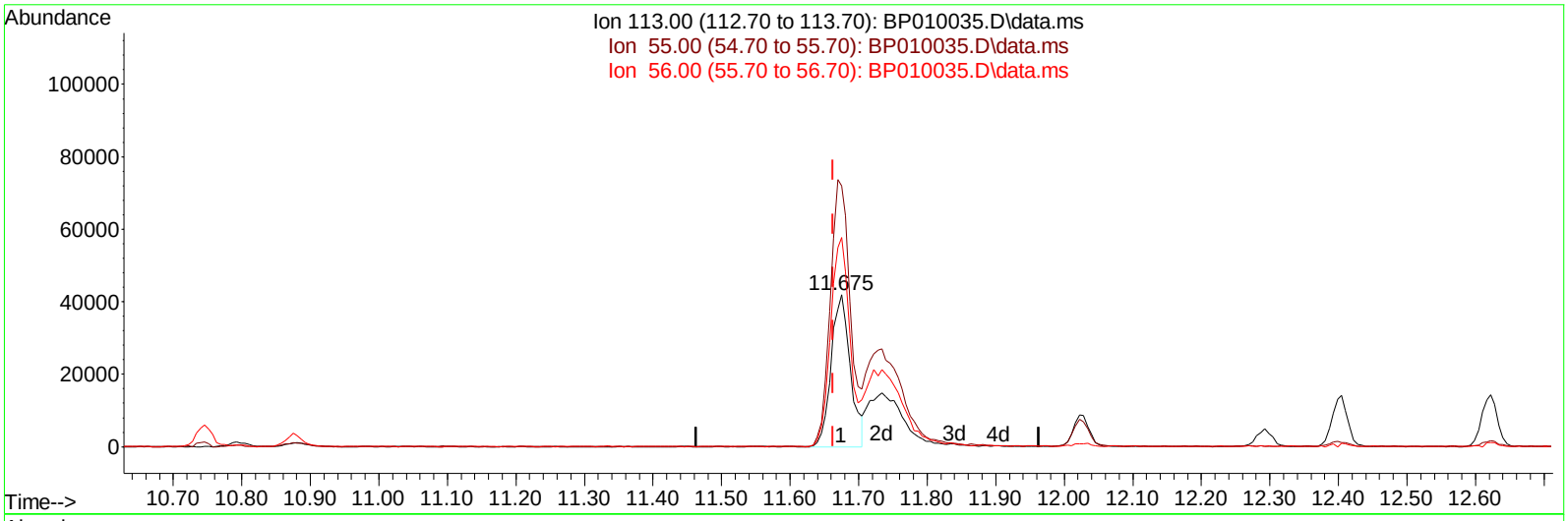
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
Data File : BP010035.D
Acq On : 22 Apr 2022 02:51
Operator : CG/JU
Sample : PB144259BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

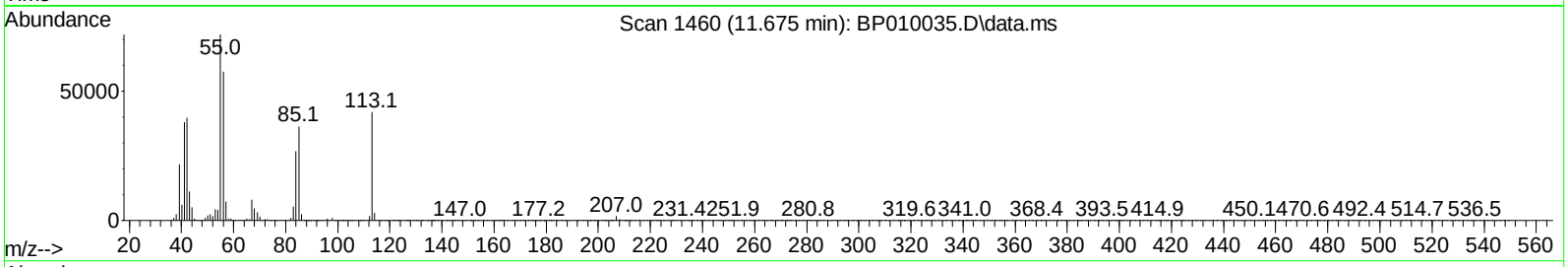
Quant Time: Apr 22 04:23:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 14:49:38 2022
Response via : Initial Calibration

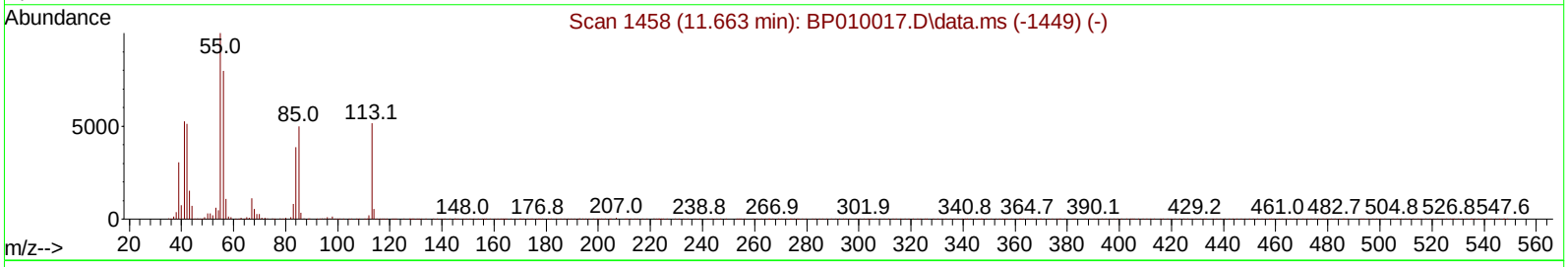
Instrument :
BNA_P
ClientSampleId :
SLCS259

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022







TIC: BP010035.D\data.ms

(34) Caprolactam

11.675min (+ 0.012) 19.75 ng/ul

response 81848

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	171.83#
56.00	85.80	137.62#
0.00	0.00	0.00

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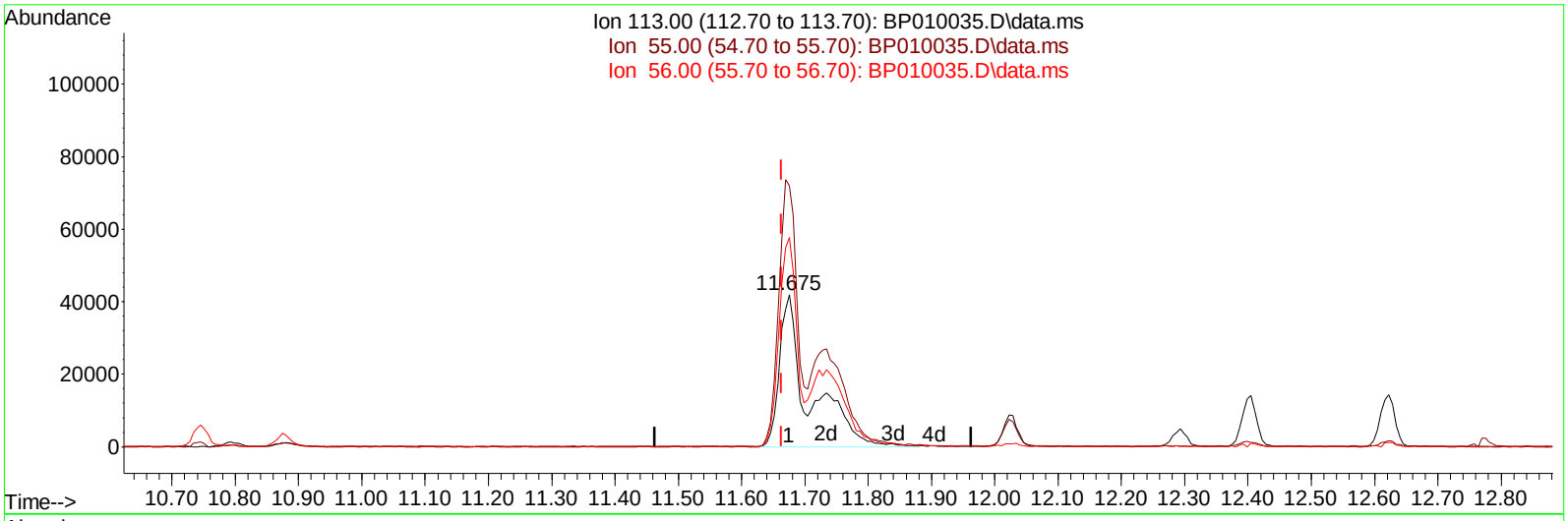

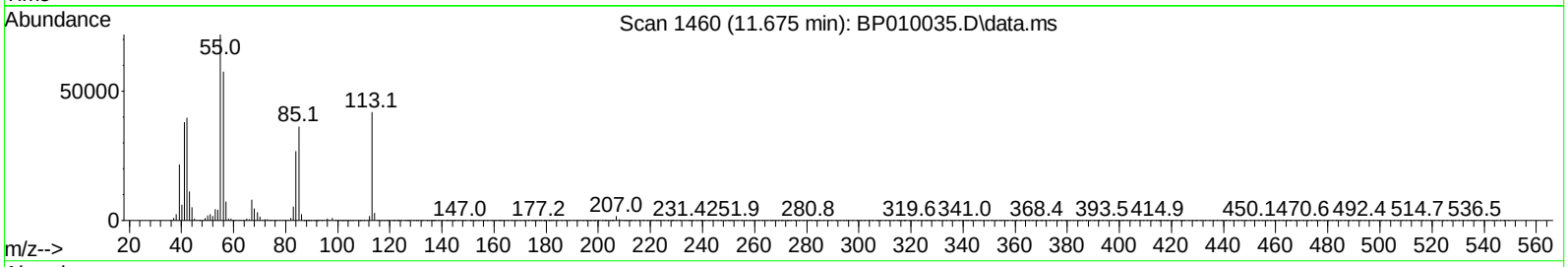

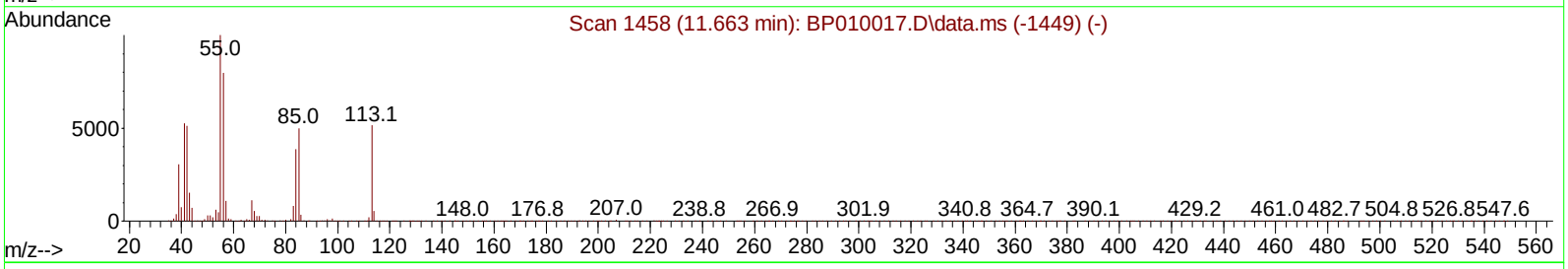

TIC: BP010035.D\data.ms

(34) Caprolactam

11.675min (+ 0.012) 32.76 ng/ul m

response 135770

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	171.83#
56.00	85.80	137.62#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	153874	20.000	ng/ul		0.00
20) Naphthalene-d8	10.746	136	708764	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.569	164	506493	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.322	188	1120907	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.404	240	1097352	20.000	ng/ul	#	0.00
88) Perylene-d12	23.857	264	978115	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.370	96	21470	6.084	ng/uL		0.00
4) Pyridine-d5	3.781	84	282203	28.428	ng/ul		0.00
7) Phenol-d5	7.099	99	415897	29.715	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	263795	31.410	ng/ul		0.00
11) 2-Chlorophenol-d4	7.469	132	326733	31.521	ng/ul		0.00
15) 4-Methylphenol-d8	8.646	113	362178	31.232	ng/ul		0.00
21) Nitrobenzene-d5	9.099	128	175247	31.088	ng/ul		0.00
24) 2-Nitrophenol-d4	9.822	143	197003	31.999	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.363	165	369048	30.792	ng/ul		0.00
31) 4-Chloroaniline-d4	10.875	131	482633	28.085	ng/ul		0.00
46) Dimethylphthalate-d6	13.981	166	1221076	30.992	ng/ul		0.00
49) Acenaphthylene-d8	14.263	160	1405470	29.475	ng/ul		0.00
54) 4-Nitrophenol-d4	14.763	143	223089	30.757	ng/ul		0.00
60) Fluorene-d10	15.563	176	1058895	31.244	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	220736	31.144	ng/ul		0.00
73) Anthracene-d10	17.422	188	1682232	31.021	ng/ul		0.00
81) Pyrene-d10	19.651	212	2015527	32.297	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.698	264	1650520	32.187	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	41041	11.192	ng/uL	#	26
5) Pyridine	3.805	79	304269	29.487	ng/ul	#	44
6) Benzaldehyde	7.075	77	270439	36.157	ng/ul		94
8) Phenol	7.128	94	448230	31.872	ng/ul	#	93
10) Bis(2-Chloroethyl)ether	7.358	93	342106	31.575	ng/ul	#	77
12) 2-Chlorophenol	7.505	128	343448	32.849	ng/ul		93
13) 2-Methylphenol	8.381	108	346340	32.111	ng/ul		97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	516197	32.107	ng/ul	#	85
16) Acetophenone	8.764	105	564099	31.179	ng/ul	#	79
17) N-Nitroso-di-n-propyla...	8.752	70	308404	32.535	ng/ul	#	74
18) 4-Methylphenol	8.711	108	378971	31.912	ng/ul		90
19) Hexachloroethane	9.028	117	141939	32.308	ng/ul		85
22) Nitrobenzene	9.140	77	446826	32.352	ng/ul	#	84
23) Isophorone	9.669	82	872328	31.978	ng/ul	#	96
25) 2-Nitrophenol	9.858	139	213880	32.802	ng/ul	#	84
26) 2,4-Dimethylphenol	9.916	107	442951	31.377	ng/ul	#	80
27) Bis(2-Chloroethoxy)met...	10.152	93	510240	31.912	ng/ul	#	97
29) 2,4-Dichlorophenol	10.393	162	374057	32.467	ng/ul	#	85
30) Naphthalene	10.799	128	1169430	31.524	ng/ul		97
32) 4-Chloroaniline	10.899	127	489374	28.898	ng/ul		98
33) Hexachlorobutadiene	11.093	225	250386	30.665	ng/ul		95
34) Caprolactam	11.675	113	135770m	32.761	ng/ul		
35) 4-Chloro-3-methylphenol	12.022	107	448740	32.242	ng/ul	#	70

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	843375	31.348	ng/ul	90
37) 1-Methylnaphthalene	12.622	142	859751	31.473	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.769	216	491485	31.408	ng/ul	95
40) Hexachlorocyclopentadiene	12.757	237	249387	28.280	ng/ul	96
41) 2,4,6-Trichlorophenol	13.010	196	330943	32.687	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.081	196	363533	33.001	ng/ul#	87
43) 1,1'-Biphenyl	13.404	154	1191406	31.893	ng/ul	93
44) 2-Chloronaphthalene	13.451	162	919969	31.823	ng/ul	93
45) 2-Nitroaniline	13.646	65	316480	33.761	ng/ul#	78
47) Dimethylphthalate	14.028	163	1218210	31.814	ng/ul#	92
48) 2,6-Dinitrotoluene	14.146	165	258469	32.892	ng/ul	94
50) Acenaphthylene	14.293	152	1513084	32.034	ng/ul	95
51) 3-Nitroaniline	14.469	138	251545	35.337	ng/ul#	82
52) Acenaphthene	14.634	153	976593	31.798	ng/ul	97
53) 2,4-Dinitrophenol	14.675	184	138330	31.502	ng/ul#	77
55) 4-Nitrophenol	14.781	109	200268	31.780	ng/ul#	49
56) Dibenzofuran	14.969	168	1441365	31.693	ng/ul	98
57) 2,4-Dinitrotoluene	14.928	165	381030	33.191	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.198	232	324110	33.099	ng/ul#	87
59) Diethylphthalate	15.393	149	1254783	32.217	ng/ul	93
61) Fluorene	15.622	166	1199603	32.127	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.616	204	623240	31.715	ng/ul	99
63) 4-Nitroaniline	15.634	138	270646	39.073	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.698	198	218625	31.971	ng/ul#	93
67) N-Nitrosodiphenylamine	15.828	169	1039847	32.332	ng/ul	95
68) 4-Bromophenyl-phenylether	16.510	248	386269	32.307	ng/ul	95
69) Hexachlorobenzene	16.634	284	443884	31.985	ng/ul#	90
70) Atrazine	16.781	200	414052	31.666	ng/ul	92
71) Pentachlorophenol	16.975	266	285862	32.344	ng/ul#	81
72) Phenanthrene	17.363	178	1954096	32.074	ng/ul	99
74) Anthracene	17.457	178	1957444	31.898	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	529345	32.348	ng/uL#	87
76) Pentachlorobenzene	14.893	250	504994	31.470	ng/uL	90
77) Carbazole	17.722	167	1733481	31.923	ng/ul#	95
78) Di-n-butylphthalate	18.275	149	2223066	33.276	ng/ul#	93
80) Fluoranthene	19.328	202	2386240	33.900	ng/ul	96
82) Pyrene	19.681	202	2438594	33.626	ng/ul#	94
83) Butylbenzylphthalate	20.545	149	1029150	34.331	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.316	252	713341	36.128	ng/ul#	96
85) Benzo(a)anthracene	21.386	228	2267606	32.561	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.310	149	1497263	33.700	ng/ul#	81
87) Chrysene	21.445	228	2223730	32.429	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	2552906	33.574	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	2206326	33.553	ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	2062113	33.106	ng/ul#	97
93) Benzo(a)pyrene	23.751	252	2003267	32.944	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	1981726	32.761	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.439	278	1711686	33.070	ng/ul#	96
96) Benzo(g,h,i)perylene	27.204	276	1657940	32.483	ng/ul#	91

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

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