Quantitation Report (Qedit)

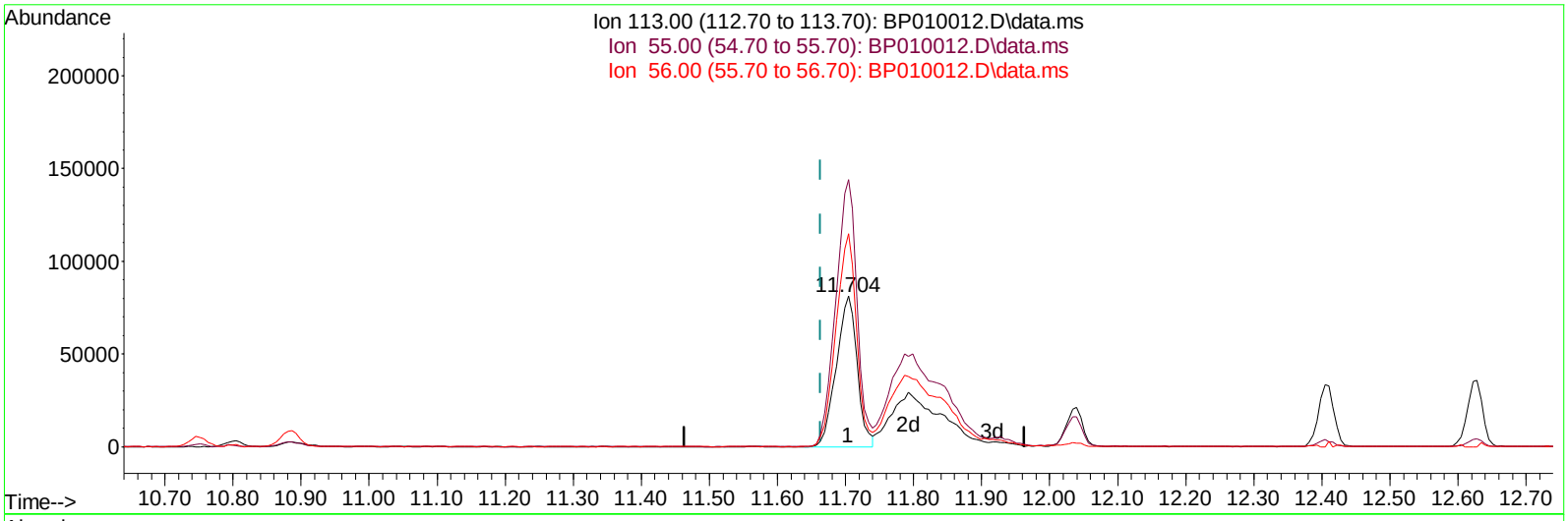
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
Data File : BP010012.D
Acq On : 21 Apr 2022 13:19
Operator : CG/JU
Sample : SSTD08027
Misc :
ALS Vial : 7 Sample Multiplier: 1

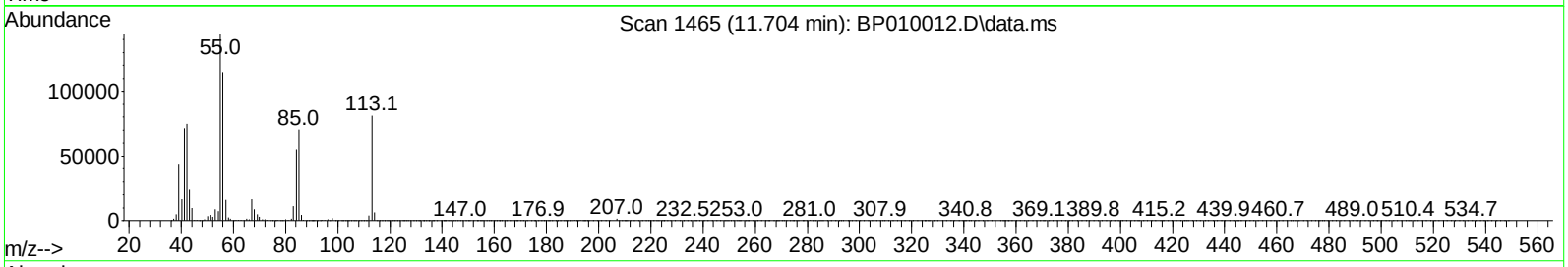
Quant Time: Apr 21 14:25:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 13:57:49 2022
Response via : Initial Calibration

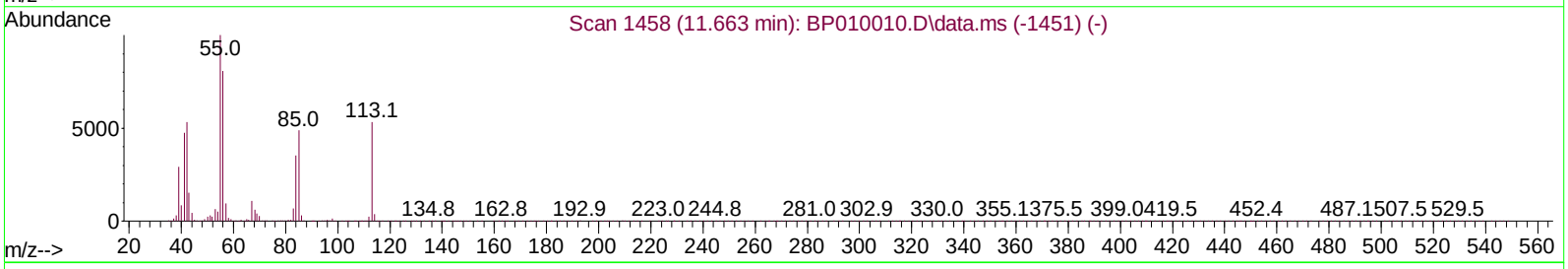
Instrument :
BNA_P
ClientSampleId :
SSTD080627

Manual IntegrationsAPPROVED

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







TIC: BP010012.D\data.ms

(34) Caprolactam

11.704min (+ 0.041) 47.38 ng/ul

response 172287

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	177.33#
56.00	85.80	141.44#
0.00	0.00	0.00

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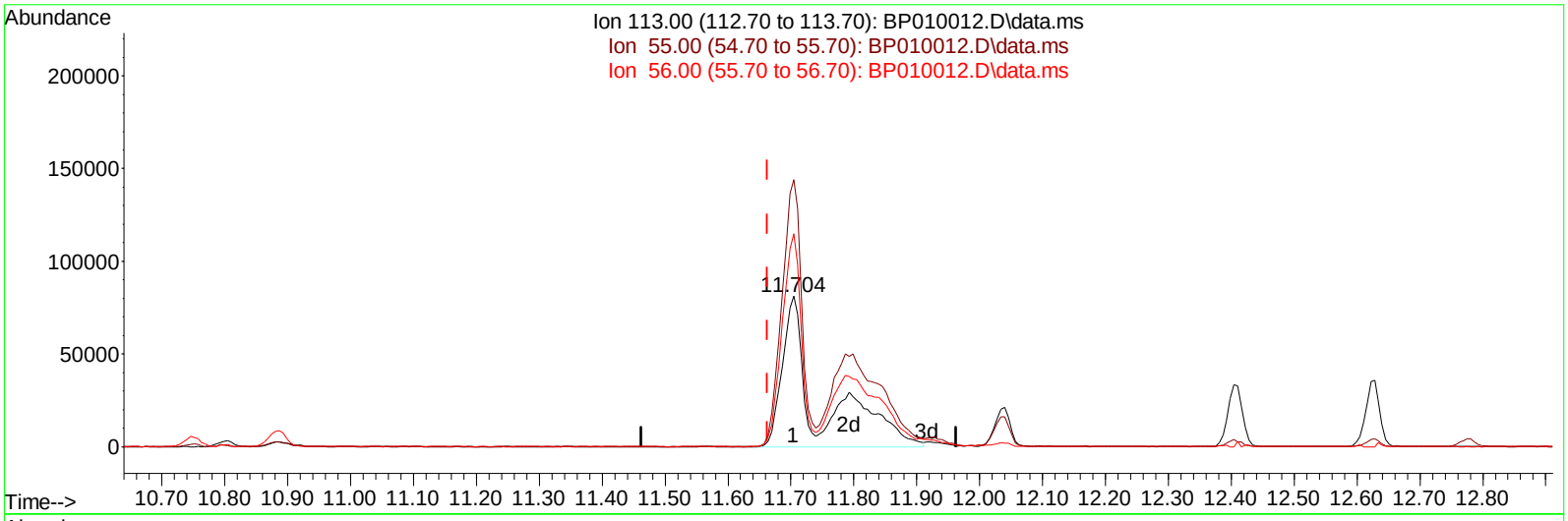

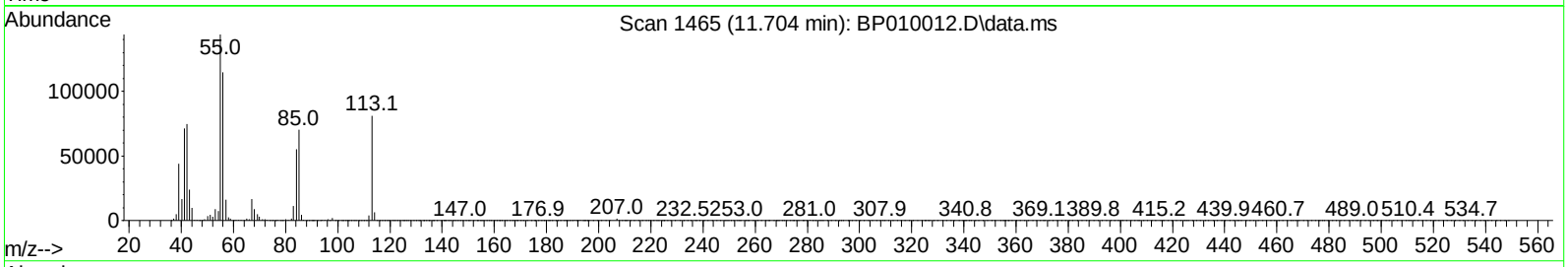

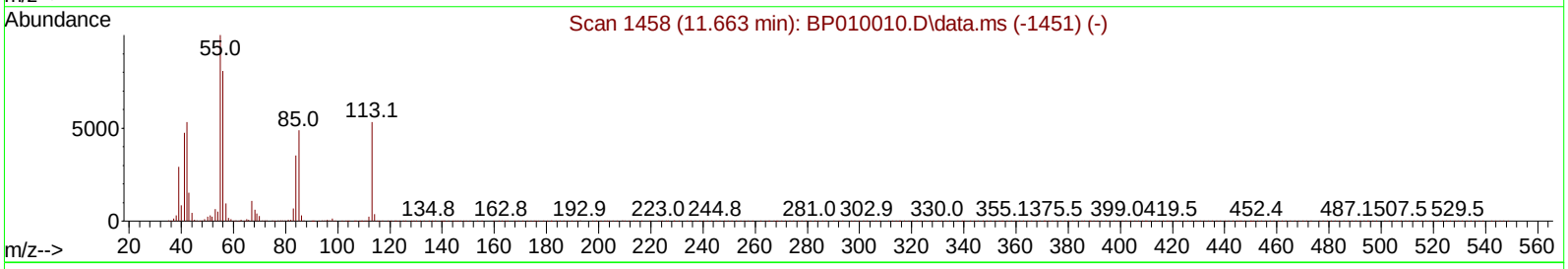

TIC: BP010012.D\data.ms

(34) Caprolactam

11.704min (+ 0.041) 88.60 ng/ul m

response 322178

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	177.33#
56.00	85.80	141.44#
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	154486	20.000	ng/ul		0.00
20) Naphthalene-d8	10.752	136	685572	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.575	164	475900	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.328	188	1041784	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.410	240	1054480	20.000	ng/ul	#	0.00
88) Perylene-d12	23.868	264	1004342	20.000	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.370	96	110180	31.830	ng/uL		0.00
4) Pyridine-d5	3.781	84	815666	85.465	ng/ul		0.00
7) Phenol-d5	7.111	99	1172799	86.471	ng/ul		0.01
9) Bis-(2-Chloroethyl)eth...	7.269	67	675105	83.610	ng/ul		0.00
11) 2-Chlorophenol-d4	7.475	132	885563	86.559	ng/ul		0.00
15) 4-Methylphenol-d8	8.658	113	955194	84.365	ng/ul		0.00
21) Nitrobenzene-d5	9.105	128	464332	93.921	ng/ul		0.00
24) 2-Nitrophenol-d4	9.828	143	535149	98.732	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.369	165	971376	85.643	ng/ul		0.00
31) 4-Chloroaniline-d4	10.887	131	1333637	82.556	ng/ul		0.00
46) Dimethylphthalate-d6	13.987	166	2948900	78.884	ng/ul		0.00
49) Acenaphthylene-d8	14.269	160	3638956	82.166	ng/ul		0.00
54) 4-Nitrophenol-d4	14.781	143	572702	84.475	ng/ul		0.02
60) Fluorene-d10	15.575	176	2533727	80.570	ng/ul		0.01
65) 4,6-Dinitro-2-methylph...	15.692	200	578050	93.664	ng/ul		0.01
73) Anthracene-d10	17.434	188	4090637	82.010	ng/ul		0.01
81) Pyrene-d10	19.663	212	4879640	84.730	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.716	264	4364490	83.447	ng/ul		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	113406	32.138	ng/uL#		22
5) Pyridine	3.805	79	843081	84.666	ng/ul#		46
6) Benzaldehyde	7.075	77	420177	50.515	ng/ul		98
8) Phenol	7.134	94	1177662	86.746	ng/ul#		93
10) Bis(2-Chloroethyl)ether	7.363	93	878095	83.034	ng/ul#		77
12) 2-Chlorophenol	7.511	128	892660	86.546	ng/ul		92
13) 2-Methylphenol	8.387	108	890215	84.090	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1271827	81.362	ng/ul#		85
16) Acetophenone	8.769	105	1452656	81.434	ng/ul#		81
17) N-Nitroso-di-n-propyla...	8.769	70	763656	82.572	ng/ul#		75
18) 4-Methylphenol	8.728	108	971245	84.719	ng/ul		94
19) Hexachloroethane	9.028	117	358066	82.224	ng/ul#		81
22) Nitrobenzene	9.152	77	1103124	86.930	ng/ul#		86
23) Isophorone	9.687	82	2174506	83.158	ng/ul#		97
25) 2-Nitrophenol	9.863	139	544442	94.179	ng/ul#		84
26) 2,4-Dimethylphenol	9.922	107	1126946	82.147	ng/ul#		78
27) Bis(2-Chloroethoxy)met...	10.157	93	1230808	80.171	ng/ul#		98
29) 2,4-Dichlorophenol	10.399	162	923752	84.009	ng/ul#		83
30) Naphthalene	10.799	128	2879507	81.668	ng/ul		97
32) 4-Chloroaniline	10.910	127	1314410	82.221	ng/ul		97
33) Hexachlorobutadiene	11.093	225	631589	79.752	ng/ul		95
34) Caprolactam	11.704	113	322178m	88.597	ng/ul		
35) 4-Chloro-3-methylphenol	12.040	107	1098279	82.430	ng/ul#		69

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	2061863	80.044 ng/ul	92
37) 1-Methylnaphthalene	12.628	142	2086880	80.237 ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.775	216	1205410	82.788 ng/ul	94
40) Hexachlorocyclopentadiene	12.757	237	718162	71.077 ng/ul	95
41) 2,4,6-Trichlorophenol	13.010	196	805163	86.591 ng/ul#	83
42) 2,4,5-Trichlorophenol	13.087	196	881621	87.735 ng/ul#	88
43) 1,1'-Biphenyl	13.416	154	2805695	80.801 ng/ul	93
44) 2-Chloronaphthalene	13.457	162	2187187	81.944 ng/ul	93
45) 2-Nitroaniline	13.657	65	772246	98.726 ng/ul#	82
47) Dimethylphthalate	14.034	163	2835498	78.809 ng/ul#	93
48) 2,6-Dinitrotoluene	14.151	165	644666	97.410 ng/ul	93
50) Acenaphthylene	14.298	152	3556388	81.370 ng/ul	96
51) 3-Nitroaniline	14.481	138	585152	85.050 ng/ul#	80
52) Acenaphthene	14.640	153	2292837	80.123 ng/ul	96
53) 2,4-Dinitrophenol	14.687	184	380108	95.019 ng/ul#	80
55) 4-Nitrophenol	14.798	109	487442	78.106 ng/ul#	47
56) Dibenzofuran	14.975	168	3337363	79.241 ng/ul	97
57) 2,4-Dinitrotoluene	14.940	165	912976	93.948 ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.204	232	772864	84.355 ng/ul#	87
59) Diethylphthalate	15.404	149	2935565	78.837 ng/ul	94
61) Fluorene	15.628	166	2730127	78.700 ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.622	204	1430335	77.544 ng/ul	99
63) 4-Nitroaniline	15.651	138	560642	81.357 ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.710	198	546741	89.125 ng/ul#	93
67) N-Nitrosodiphenylamine	15.834	169	2432688	81.574 ng/ul	95
68) 4-Bromophenyl-phenylether	16.516	248	921643	81.728 ng/ul	92
69) Hexachlorobenzene	16.639	284	1056026	81.439 ng/ul#	92
70) Atrazine	16.792	200	984836	80.007 ng/ul#	88
71) Pentachlorophenol	16.981	266	706600	80.505 ng/ul#	84
72) Phenanthrene	17.375	178	4508520	81.076 ng/ul	99
74) Anthracene	17.469	178	4550284	80.708 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.381	216	1262634	83.830 ng/uL#	85
76) Pentachlorobenzene	14.898	250	1208522	82.318 ng/uL	92
77) Carbazole	17.733	167	4061695	79.718 ng/ul#	95
78) Di-n-butylphthalate	18.281	149	5194813	82.913 ng/ul#	93
80) Fluoranthene	19.333	202	5581221	84.196 ng/ul	97
82) Pyrene	19.692	202	5591827	83.201 ng/ul#	93
83) Butylbenzylphthalate	20.557	149	2481860	90.017 ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.322	252	1516289	67.479 ng/ul#	96
85) Benzo(a)anthracene	21.398	228	5480162	81.979 ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.316	149	3608457	87.010 ng/ul#	82
87) Chrysene	21.457	228	5294592	82.090 ng/ul	98
89) Di-n-octyl phthalate	22.263	149	6219148	88.381 ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	5494440	82.341 ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	5184336	85.143 ng/ul#	98
93) Benzo(a)pyrene	23.774	252	5092610	82.333 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.457	276	5275850	81.568 ng/ul#	92
95) Dibenzo(a,h)anthracene	26.468	278	4569166	81.468 ng/ul#	95
96) Benzo(g,h,i)perylene	27.239	276	4367941	81.901 ng/ul#	91

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

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