Quantitation Report (Qedit)

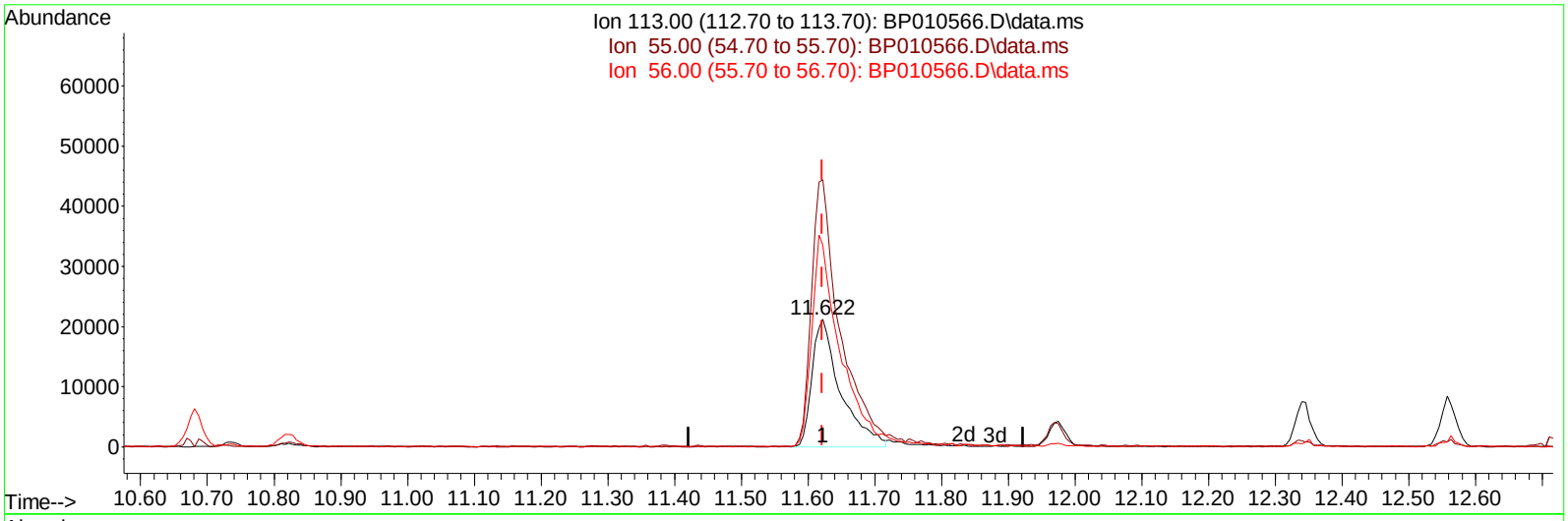
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052622\
Data File : BP010566.D
Acq On : 26 May 2022 13:20
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

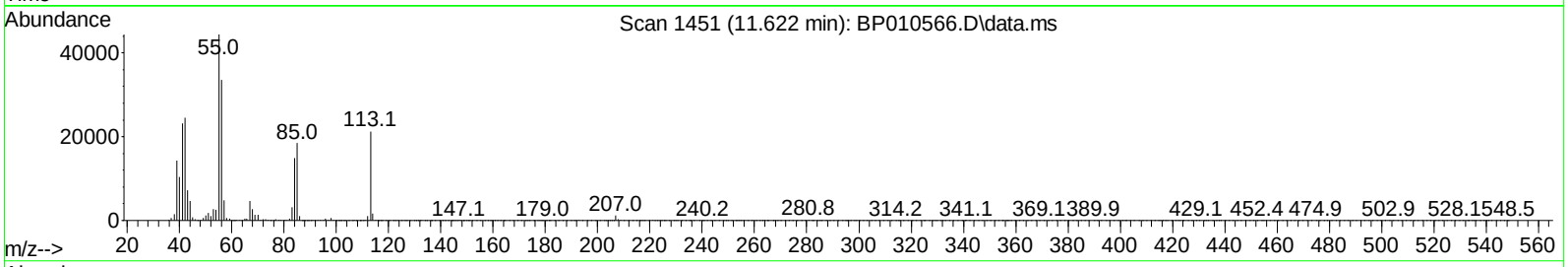
Quant Time: May 27 02:13:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 05:50:40 2022
Response via : Initial Calibration

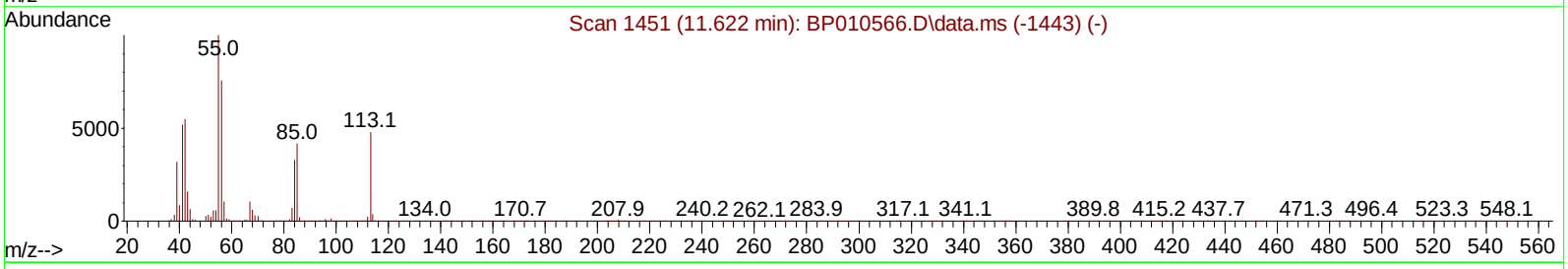
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/27/2022
Supervised By :mohammad ahmed 05/31/2022







TIC: BP010566.D\data.ms

(34) Caprolactam

11.622min (+ 0.000) 17.39 ng/ul

response 62493

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	209.00#
56.00	85.80	158.13#
0.00	0.00	0.00

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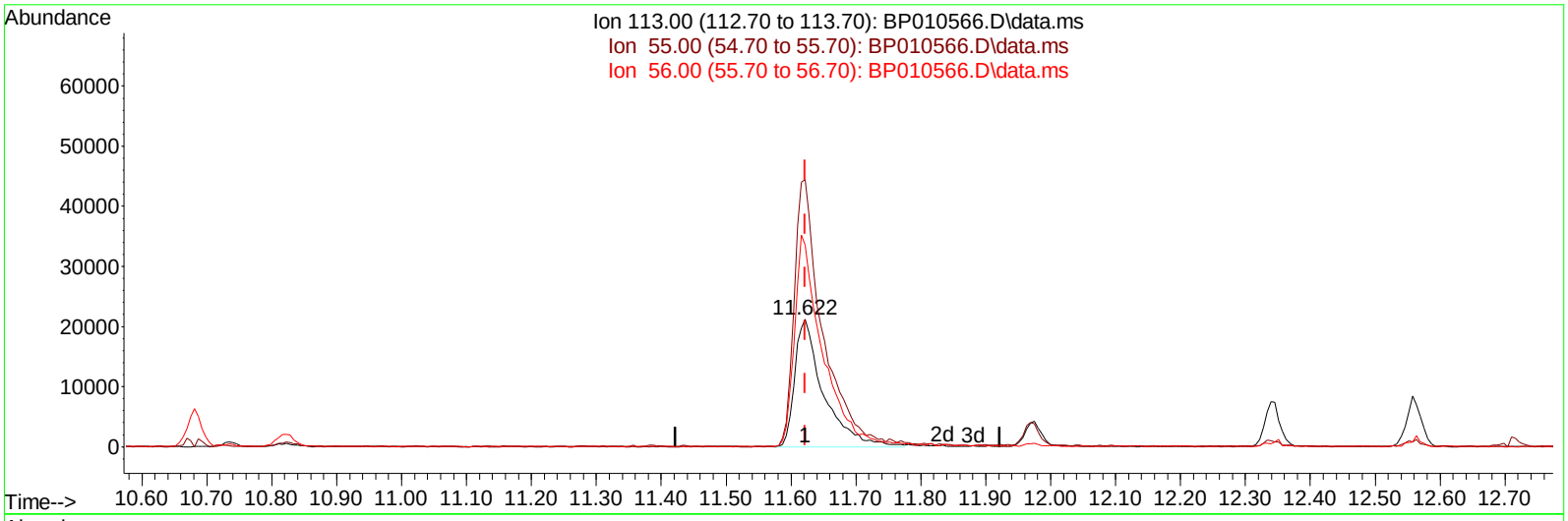

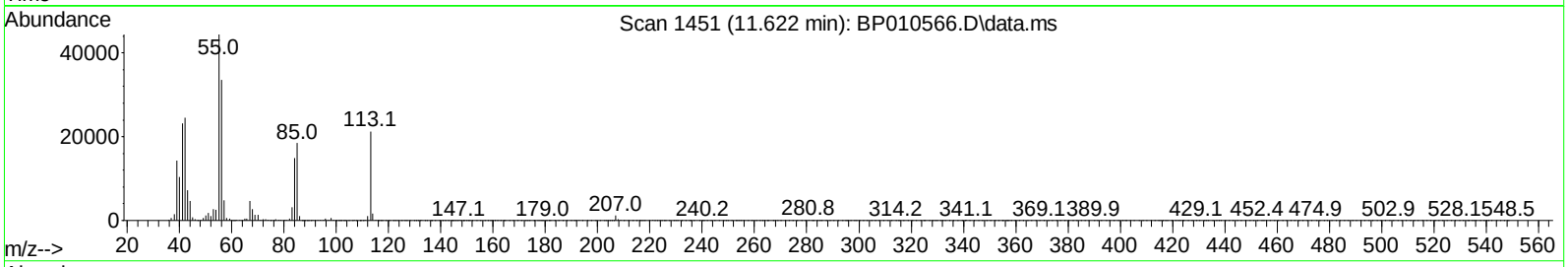

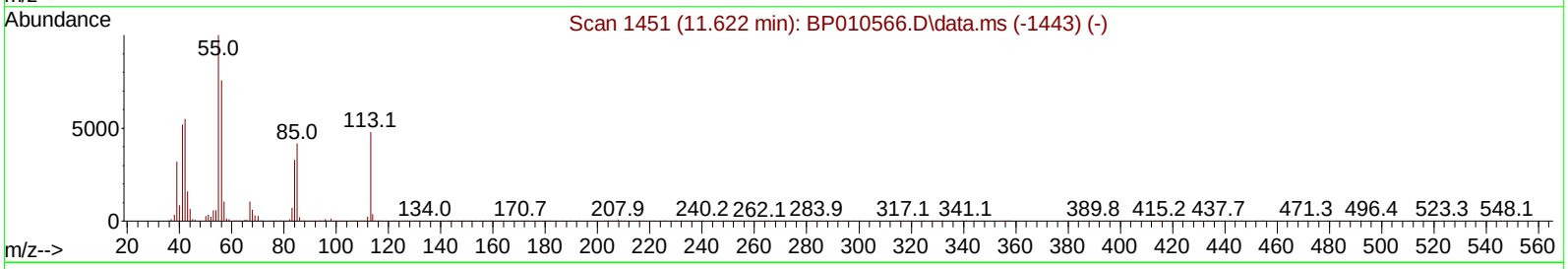

TIC: BP010566.D\data.ms

(34) Caprolactam

11.622min (+ 0.000) 17.95 ng/ul m

response 64518

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	209.00#
56.00	85.80	158.13#
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	7.881	152	148670	20.000	ng/ul		0.00
20) Naphthalene-d8	10.681	136	649533	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.516	164	452671	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.269	188	1023123	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.351	240	989634	20.000	ng/ul	#	0.00
88) Perylene-d12	23.769	264	840944	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.334	96	26831	7.693	ng/uL		0.00
4) Pyridine-d5	3.752	84	175260	17.697	ng/ul		0.00
7) Phenol-d5	7.052	99	215293	17.254	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	154616	18.442	ng/ul		0.00
11) 2-Chlorophenol-d4	7.416	132	176312	18.465	ng/ul		0.00
15) 4-Methylphenol-d8	8.593	113	186185	17.557	ng/ul		0.00
21) Nitrobenzene-d5	9.040	128	93148	18.530	ng/ul		0.00
24) 2-Nitrophenol-d4	9.763	143	99224	18.625	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.305	165	185432	18.408	ng/ul		0.00
31) 4-Chloroaniline-d4	10.822	131	264104	17.633	ng/ul		0.00
46) Dimethylphthalate-d6	13.928	166	625106	18.743	ng/ul		0.00
49) Acenaphthylene-d8	14.210	160	721154	18.746	ng/ul		0.00
54) 4-Nitrophenol-d4	14.716	143	96267	16.217	ng/ul		0.00
60) Fluorene-d10	15.510	176	547762	18.879	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	100746	16.837	ng/ul		0.00
73) Anthracene-d10	17.369	188	868184	18.740	ng/ul		0.00
81) Pyrene-d10	19.604	212	1055407	20.081	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.616	264	800532	18.958	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	27321	7.562	ng/uL	#	9
5) Pyridine	3.770	79	185256	17.999	ng/ul	#	25
6) Benzaldehyde	7.022	77	135629	20.561	ng/ul		92
8) Phenol	7.075	94	232820	17.295	ng/ul	#	89
10) Bis(2-Chloroethyl)ether	7.305	93	192453	18.183	ng/ul	#	72
12) 2-Chlorophenol	7.446	128	183626	18.422	ng/ul		96
13) 2-Methylphenol	8.328	108	175122	17.426	ng/ul		96
14) 2,2'-oxybis(1-Chloropr...	8.411	45	337241	19.550	ng/ul	#	81
16) Acetophenone	8.705	105	301460	18.093	ng/ul	#	72
17) N-Nitroso-di-n-propyla...	8.693	70	169461	19.004	ng/ul	#	64
18) 4-Methylphenol	8.652	108	193280	17.402	ng/ul		89
19) Hexachloroethane	8.963	117	82693	19.075	ng/ul		83
22) Nitrobenzene	9.081	77	249997	18.924	ng/ul	#	82
23) Isophorone	9.610	82	462701	18.950	ng/ul	#	97
25) 2-Nitrophenol	9.799	139	108792	18.598	ng/ul	#	88
26) 2,4-Dimethylphenol	9.857	107	236931	18.667	ng/ul	#	81
27) Bis(2-Chloroethoxy)met...	10.093	93	269213	18.517	ng/ul	#	97
29) 2,4-Dichlorophenol	10.334	162	188057	18.260	ng/ul	#	84
30) Naphthalene	10.734	128	628477	18.525	ng/ul		97
32) 4-Chloroaniline	10.846	127	264943	17.824	ng/ul		98
33) Hexachlorobutadiene	11.022	225	138250	18.944	ng/ul		98
34) Caprolactam	11.622	113	64518m	17.950	ng/ul		
35) 4-Chloro-3-methylphenol	11.969	107	227554	18.887	ng/ul	#	72

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	442066	18.406	ng/ul	91
37) 1-Methylnaphthalene	12.557	142	449271	18.527	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.710	216	252340	18.267	ng/ul#	93
40) Hexachlorocyclopentadiene	12.693	237	165432	22.028	ng/ul	92
41) 2,4,6-Trichlorophenol	12.951	196	159518	18.525	ng/ul#	86
42) 2,4,5-Trichlorophenol	13.028	196	172287	17.919	ng/ul#	83
43) 1,1'-Biphenyl	13.351	154	622253	18.728	ng/ul	94
44) 2-Chloronaphthalene	13.393	162	476551	18.570	ng/ul	93
45) 2-Nitroaniline	13.598	65	166126	19.669	ng/ul#	78
47) Dimethylphthalate	13.975	163	621780	18.795	ng/ul#	92
48) 2,6-Dinitrotoluene	14.093	165	129197	19.158	ng/ul	97
50) Acenaphthylene	14.234	152	783960	18.838	ng/ul	95
51) 3-Nitroaniline	14.422	138	112855	17.830	ng/ul#	83
52) Acenaphthene	14.581	153	502114	18.495	ng/ul	97
53) 2,4-Dinitrophenol	14.634	184	71510	18.993	ng/ul#	76
55) 4-Nitrophenol	14.728	109	92553	17.534	ng/ul#	57
56) Dibenzofuran	14.916	168	744670	18.717	ng/ul	99
57) 2,4-Dinitrotoluene	14.881	165	189536	19.523	ng/ul#	72
58) 2,3,4,6-Tetrachlorophenol	15.145	232	153409	18.555	ng/ul#	86
59) Diethylphthalate	15.340	149	650427	19.268	ng/ul	93
61) Fluorene	15.563	166	615005	18.902	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.557	204	312994	18.493	ng/ul	94
63) 4-Nitroaniline	15.587	138	113806	18.210	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.651	198	100060	16.768	ng/ul#	89
67) N-Nitrosodiphenylamine	15.769	169	529488	18.454	ng/ul	94
68) 4-Bromophenyl-phenylether	16.457	248	192227	18.243	ng/ul	96
69) Hexachlorobenzene	16.575	284	220854	18.222	ng/ul#	88
70) Atrazine	16.728	200	210811	18.340	ng/ul#	89
71) Pentachlorophenol	16.922	266	129178	16.986	ng/ul#	80
72) Phenanthrene	17.310	178	1010009	18.498	ng/ul	99
74) Anthracene	17.404	178	1024994	18.712	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	270536	17.399	ng/uL#	87
76) Pentachlorobenzene	14.840	250	252899	17.926	ng/uL	89
77) Carbazole	17.675	167	887691	18.440	ng/ul#	96
78) Di-n-butylphthalate	18.222	149	1147755	19.576	ng/ul#	93
80) Fluoranthene	19.275	202	1250889	20.481	ng/ul	97
82) Pyrene	19.628	202	1276775	20.032	ng/ul	97
83) Butylbenzylphthalate	20.498	149	537701	21.098	ng/ul#	84
84) 3,3'-Dichlorobenzidine	21.269	252	351229	17.658	ng/ul#	96
85) Benzo(a)anthracene	21.339	228	1180171	19.070	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.263	149	810270	21.665	ng/ul#	81
87) Chrysene	21.392	228	1166206	19.158	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	1333326	21.135	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1070619	19.101	ng/ul	99
91) Benzo(k)fluoranthene	23.080	252	1033332	19.397	ng/ul#	96
93) Benzo(a)pyrene	23.663	252	989419	18.999	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.292	276	943784	19.264	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.304	278	795430	18.711	ng/ul#	95
96) Benzo(g,h,i)perylene	27.062	276	798654	19.523	ng/ul#	91

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

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