Quantitation Report (Qedit)

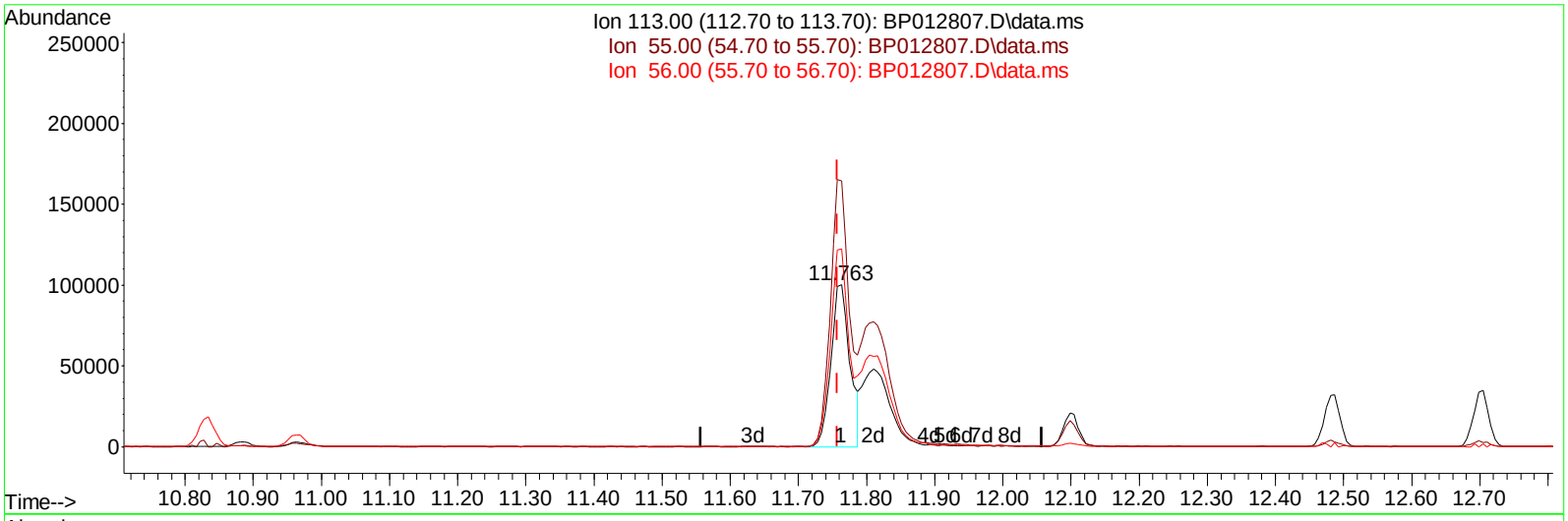
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012807.D
Acq On : 27 Nov 2022 15:09
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 83 Sample Multiplier: 1

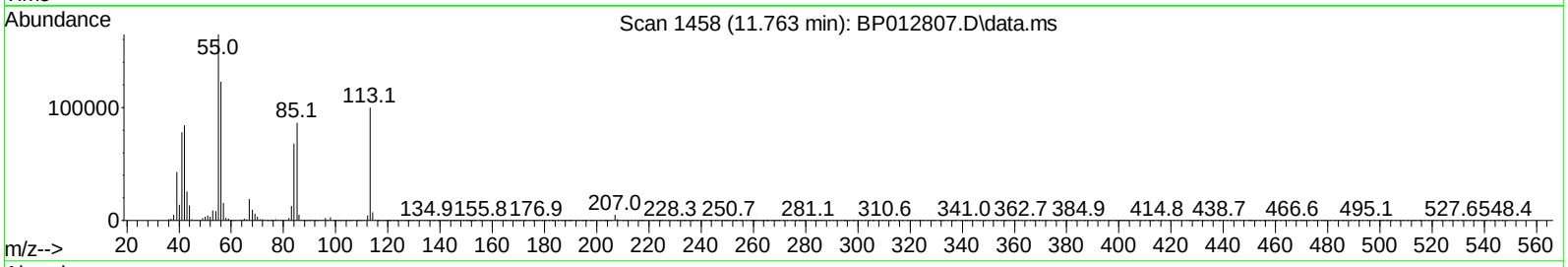
Quant Time: Nov 28 01:32:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

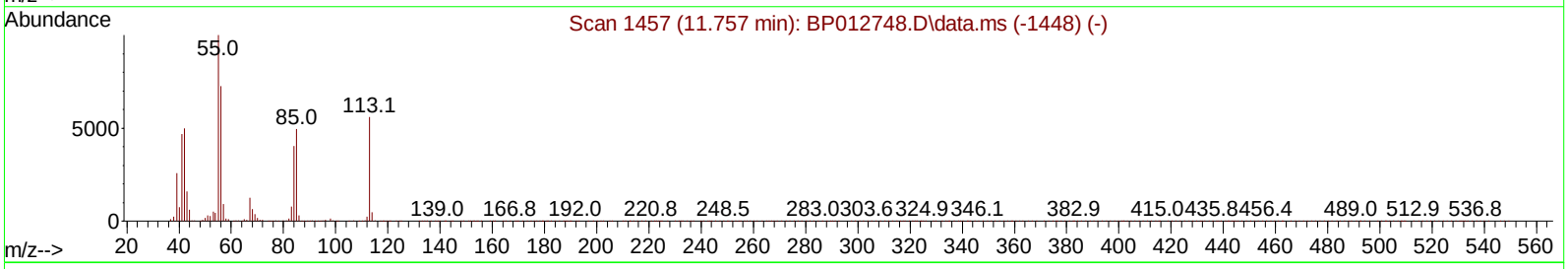
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/28/2022
Supervised By :mohammad ahmed 11/30/2022







TIC: BP012807.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 13.93 ng/ul

response 194887

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	164.45
56.00	133.90	122.42
0.00	0.00	0.00

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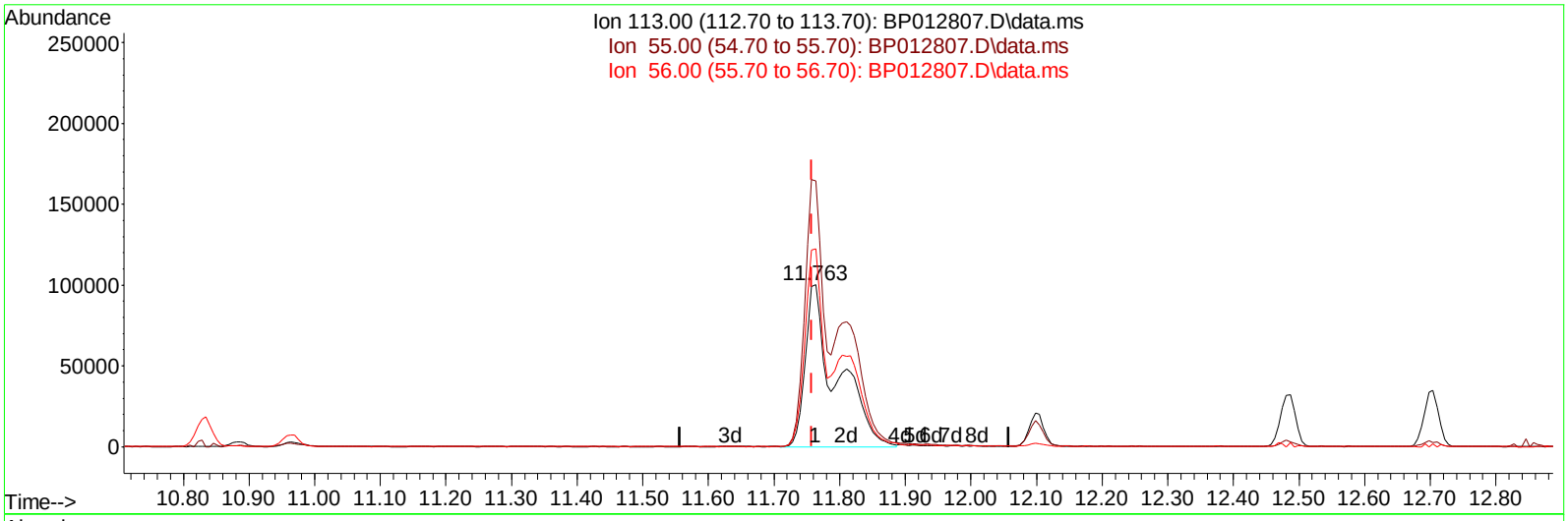

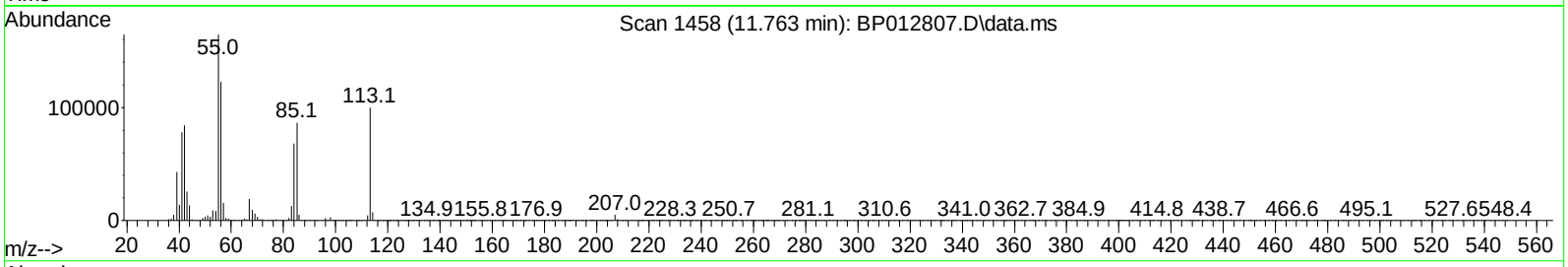

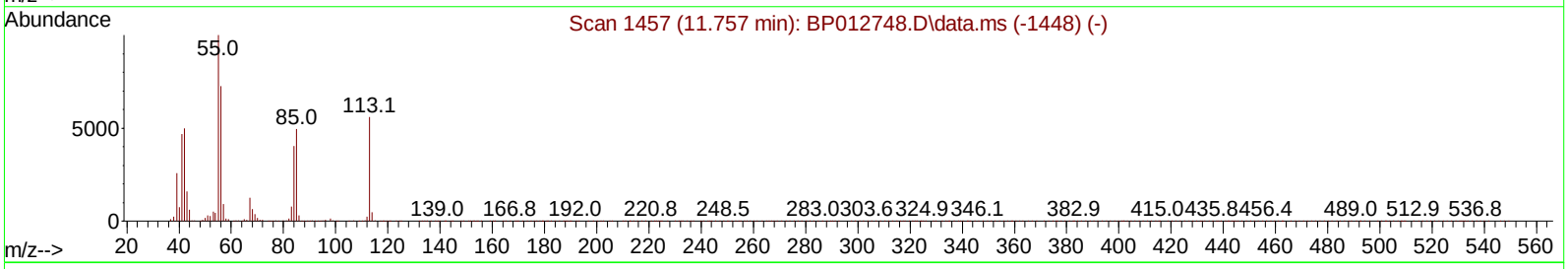

TIC: BP012807.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 23.60 ng/ul m

response 330138

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	164.45
56.00	133.90	122.42
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	8.016	152	648297	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	2899510	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1953088	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	4306441	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	4500216	20.000	ng/ul	0.00
88) Perylene-d12	24.010	264	4666023	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	122431	8.093	ng/uL	0.00
4) Pyridine-d5	3.817	84	944767	20.867	ng/ul	0.00
7) Phenol-d5	7.163	99	1150054	21.588	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	704807	21.471	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	907581	22.358	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	947439	22.074	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	451081	25.418	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	511309	27.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	1012682	23.033	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1382489	22.962	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	3042734	22.634	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	3551292	22.640	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	577574	24.098	ng/ul	0.00
60) Fluorene-d10	15.645	176	2700958	22.941	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	500022	24.293	ng/ul	0.00
73) Anthracene-d10	17.504	188	4251401	22.427	ng/ul	0.00
81) Pyrene-d10	19.733	212	5032850	19.247	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	5045739	22.015	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	127632	7.855	ng/uL	97
5) Pyridine	3.840	79	919735	20.761	ng/ul	99
6) Benzaldehyde	7.146	77	713149	27.417	ng/ul	99
8) Phenol	7.193	94	1216825	21.784	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	987535	21.577	ng/ul	99
12) 2-Chlorophenol	7.575	128	978531	22.161	ng/ul	98
13) 2-Methylphenol	8.452	108	946190	21.794	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1398706	21.187	ng/ul	100
16) Acetophenone	8.840	105	1547660	22.750	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	762634	22.757	ng/ul	98
18) 4-Methylphenol	8.781	108	1058766	22.144	ng/ul	99
19) Hexachloroethane	9.105	117	374320	22.106	ng/ul	95
22) Nitrobenzene	9.222	77	1094777	23.521	ng/ul	100
23) Isophorone	9.752	82	2259680	22.022	ng/ul	99
25) 2-Nitrophenol	9.940	139	589786	26.075	ng/ul	96
26) 2,4-Dimethylphenol	9.993	107	1134949	22.581	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.234	93	1376148	21.875	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	1038109	22.792	ng/ul	99
30) Naphthalene	10.881	128	3337160	21.980	ng/ul	100
32) 4-Chloroaniline	10.987	127	1423268	23.018	ng/ul	99
33) Hexachlorobutadiene	11.169	225	679593	22.401	ng/ul	100
34) Caprolactam	11.763	113	330138m	23.604	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	1090192	23.637	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.487	142	2369679	22.665	ng/ul	100
37) 1-Methylnaphthalene	12.704	142	2376709	22.682	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	1368441	21.972	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	641483	21.376	ng/ul	99
41) 2,4,6-Trichlorophenol	13.081	196	890880	22.861	ng/ul	98
42) 2,4,5-Trichlorophenol	13.151	196	969415	23.141	ng/ul	98
43) 1,1'-Biphenyl	13.487	154	3117741	21.913	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	2499199	21.957	ng/ul	99
45) 2-Nitroaniline	13.728	65	629656	28.274	ng/ul	99
47) Dimethylphthalate	14.104	163	3169351	22.490	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	612595	27.777	ng/ul	99
50) Acenaphthylene	14.375	152	3846447	22.426	ng/ul	100
51) 3-Nitroaniline	14.551	138	646997	25.331	ng/ul	96
52) Acenaphthene	14.716	153	2664393	22.065	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	334515	23.605	ng/ul	98
55) 4-Nitrophenol	14.851	109	418286	24.021	ng/ul	95
56) Dibenzofuran	15.051	168	3727983	22.398	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	890710	27.369	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.275	232	865710	23.976	ng/ul	96
59) Diethylphthalate	15.469	149	3101626	22.738	ng/ul	98
61) Fluorene	15.698	166	3049876	22.849	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	1575389	22.748	ng/ul	99
63) 4-Nitroaniline	15.716	138	637756	29.297	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.769	198	540570	24.468	ng/ul	96
67) N-Nitrosodiphenylamine	15.904	169	2650571	21.657	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	541296	12.771	ng/ul	99
69) Hexachlorobenzene	16.704	284	1160360	21.480	ng/ul	99
70) Atrazine	16.863	200	964485	22.969	ng/ul	99
71) Pentachlorophenol	17.051	266	734958	22.154	ng/ul	99
72) Phenanthrene	17.451	178	5048563	21.996	ng/ul	100
74) Anthracene	17.539	178	5070422	22.330	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	1389072	20.864	ng/uL	99
76) Pentachlorobenzene	14.969	250	1481298	21.404	ng/uL	99
77) Carbazole	17.804	167	4592266	23.907	ng/ul	100
78) Di-n-butylphthalate	18.351	149	5343772	23.500	ng/ul	99
80) Fluoranthene	19.410	202	6036881	18.561	ng/ul	98
82) Pyrene	19.763	202	6275415	18.655	ng/ul	98
83) Butylbenzylphthalate	20.627	149	2247070	28.545	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	2051103	24.819	ng/ul	99
85) Benzo(a)anthracene	21.480	228	6382951	20.507	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	3369360	27.988	ng/ul	100
87) Chrysene	21.533	228	5973473	19.849	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	5801744	21.774	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	6584273	19.056	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	6503292	18.856	ng/ul	99
93) Benzo(a)pyrene	23.898	252	5766934	20.297	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.651	276	6576734	23.992	ng/ul	99
95) Dibenzo(a,h)anthracene	26.668	278	5942195	23.890	ng/ul	99
96) Benzo(g,h,i)perylene	27.462	276	5600004	23.751	ng/ul	99

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

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