Quantitation Report (Qedit)

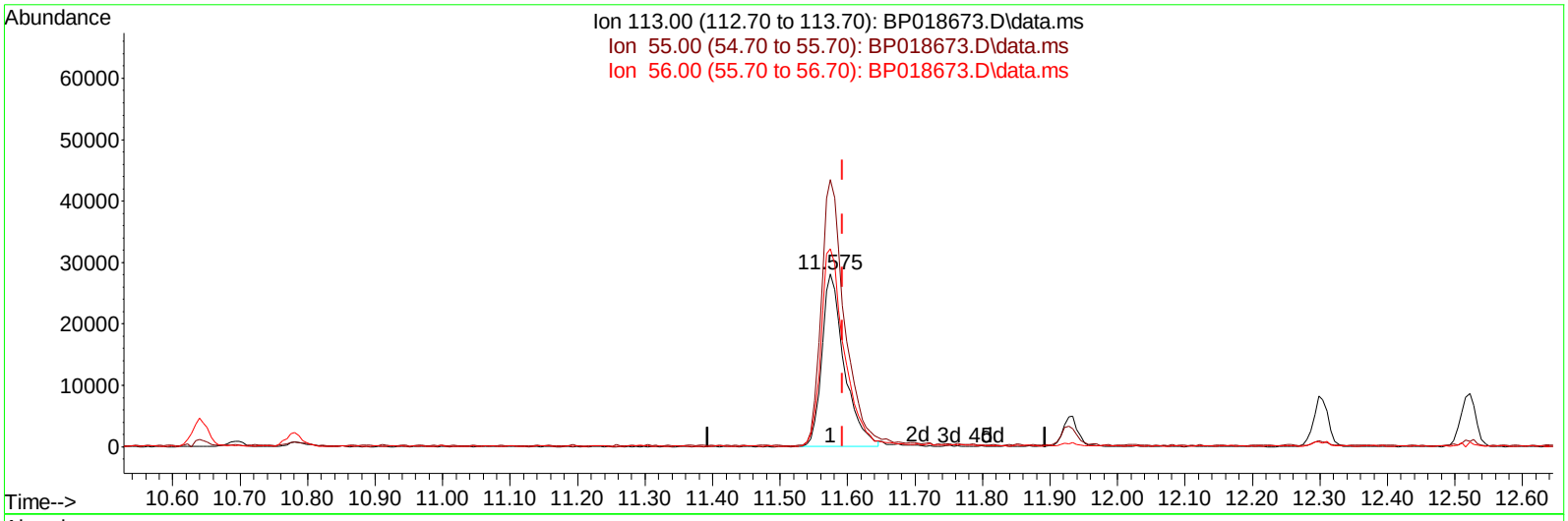
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018673.D
Acq On : 07 Dec 2023 14:37
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

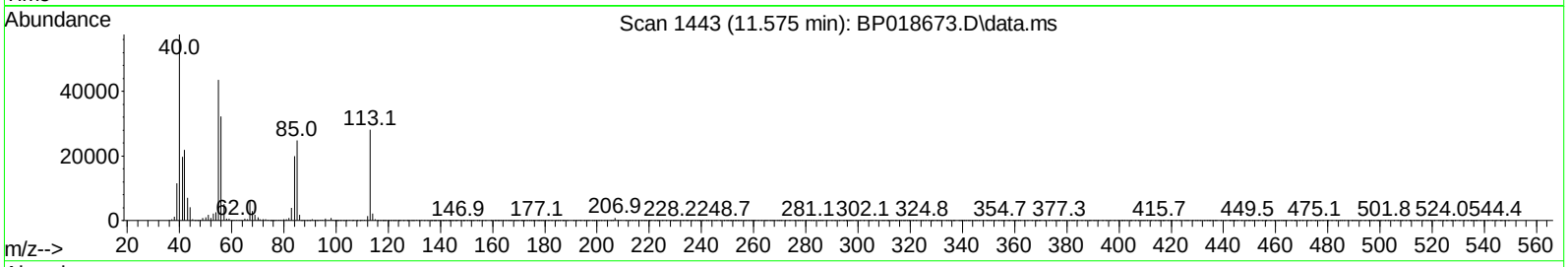
Quant Time: Dec 07 16:06:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

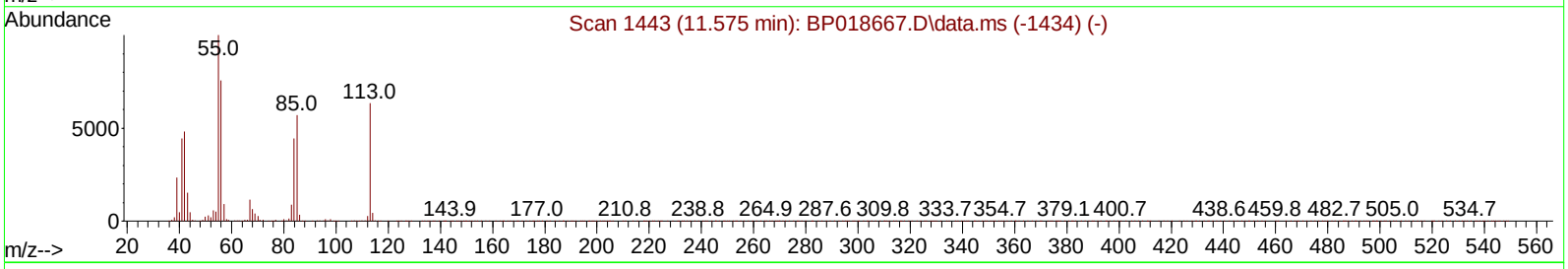
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023







TIC: BP018673.D\data.ms

(34) Caprolactam

11.575min (-0.018) 16.85 ng/ul

response 65024

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	154.30
56.00	121.80	114.54
0.00	0.00	0.00

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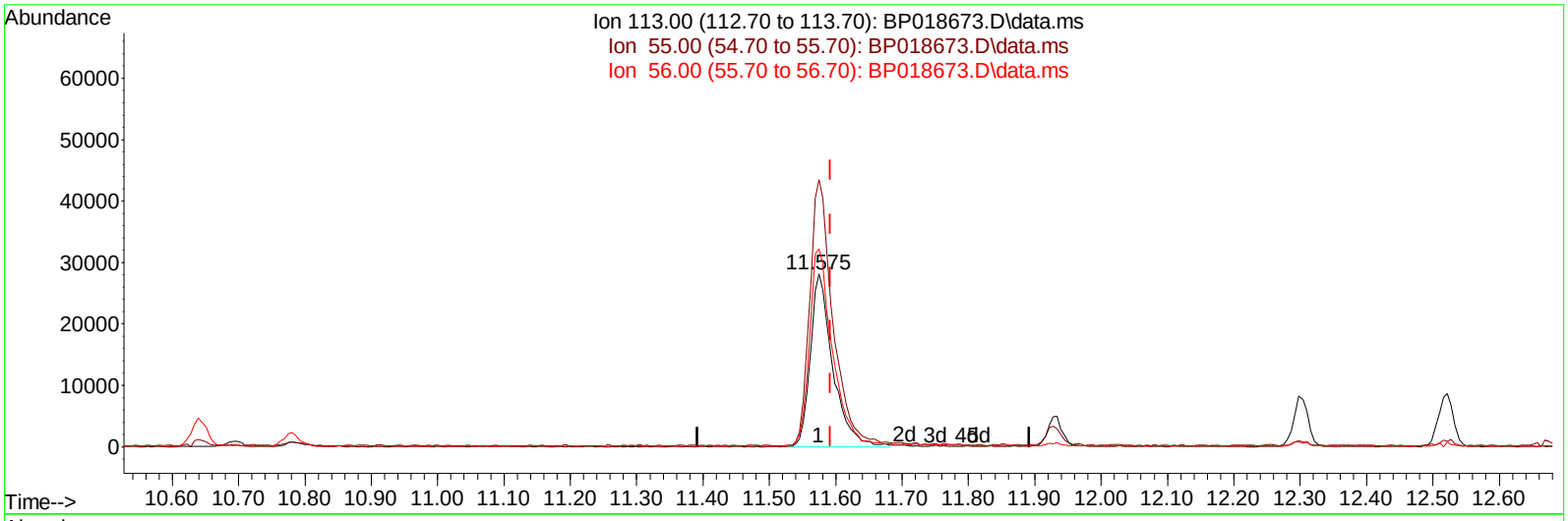

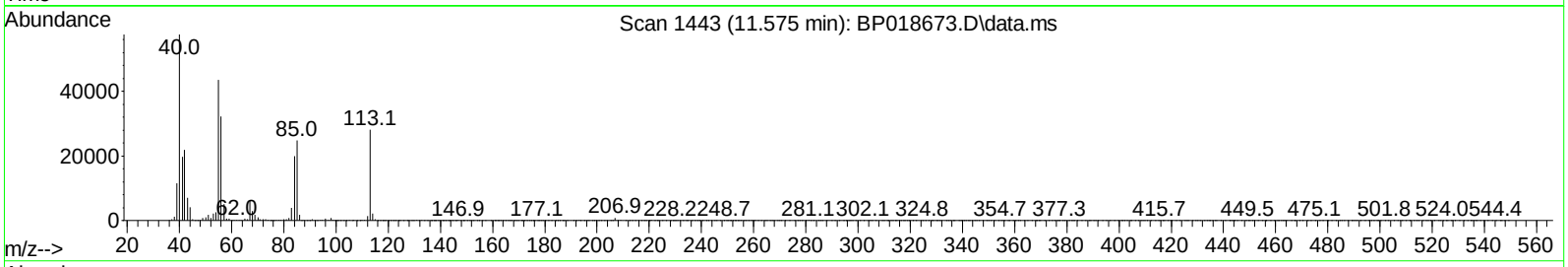

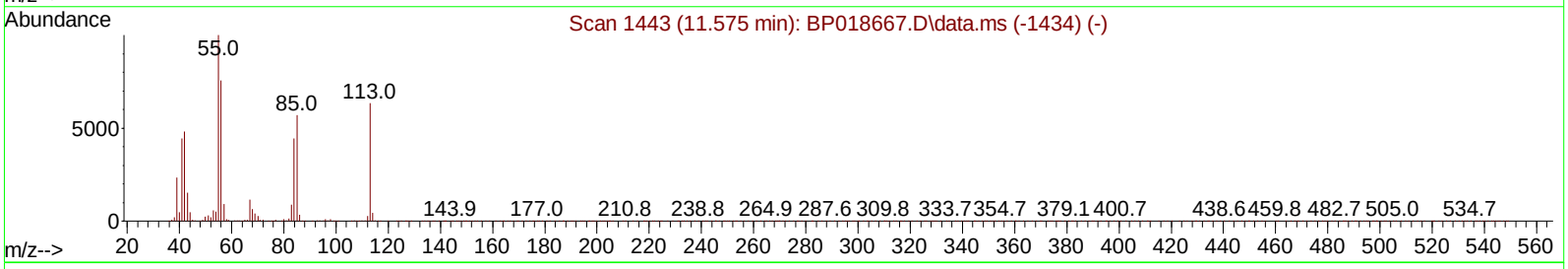

TIC: BP018673.D\data.ms

(34) Caprolactam

11.575min (-0.018) 17.12 ng/ul m

response 66100

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	154.30
56.00	121.80	114.54
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 07 22:47:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Instrument :
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LabSampleId :
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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	7.846	152	179260	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.640	136	692665	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.475	164	432068	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.221	188	990399	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1066894	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	1252832	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	41212	7.834	ng/uL	0.00
4) Pyridine-d5	3.681	84	275911	19.582	ng/ul	0.00
7) Phenol-d5	7.010	99	322233	17.912	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	188421	17.672	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	244712	17.433	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	246894	16.959	ng/ul	-0.01
21) Nitrobenzene-d5	9.004	128	115116	18.673	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	117047	18.313	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	244061	18.674	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.781	131	340496	19.935	ng/ul	-0.01
46) Dimethylphthalate-d6	13.892	166	714283	18.523	ng/ul	-0.01
49) Acenaphthylene-d8	14.169	160	818966	19.287	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.675	143	136901	21.628	ng/ul	-0.01
60) Fluorene-d10	15.469	176	625393	19.321	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	104574	17.610	ng/ul	0.00
73) Anthracene-d10	17.322	188	1005107	19.304	ng/ul	0.00
81) Pyrene-d10	19.557	212	1257445	15.141	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.527	264	1359521	18.611	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	44378	7.693	ng/uL	94
5) Pyridine	3.699	79	278562	19.577	ng/ul	97
6) Benzaldehyde	6.987	77	192226	20.696	ng/ul	99
8) Phenol	7.040	94	324523	18.395	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.275	93	258954	17.873	ng/ul	99
12) 2-Chlorophenol	7.404	128	250891	17.660	ng/ul	99
13) 2-Methylphenol	8.293	108	234366	17.353	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	302726	16.467	ng/ul	99
16) Acetophenone	8.669	105	380943	17.558	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.657	70	181217	15.182	ng/ul	96
18) 4-Methylphenol	8.622	108	254505	17.257	ng/ul	95
19) Hexachloroethane	8.922	117	104190	17.889	ng/ul	92
22) Nitrobenzene	9.045	77	277052	18.484	ng/ul	99
23) Isophorone	9.575	82	517952	16.948	ng/ul	99
25) 2-Nitrophenol	9.757	139	125820	18.385	ng/ul	98
26) 2,4-Dimethylphenol	9.822	107	242514	18.119	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.063	93	332789	17.248	ng/ul	99
29) 2,4-Dichlorophenol	10.292	162	237321	18.852	ng/ul	98
30) Naphthalene	10.692	128	796596	18.958	ng/ul	99
32) 4-Chloroaniline	10.804	127	324743	19.948	ng/ul	100
33) Hexachlorobutadiene	10.975	225	165208	19.595	ng/ul	99
34) Caprolactam	11.575	113	66100m	17.124	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	247726	17.566	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	12.298	142	535813	17.999	ng/ul	98
37) 1-Methylnaphthalene	12.522	142	538936	17.927	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.669	216	312931	19.962	ng/ul	97
40) Hexachlorocyclopentadiene	12.645	237	168553	18.140	ng/ul	96
41) 2,4,6-Trichlorophenol	12.910	196	172838	17.139	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	174724	15.982	ng/ul	98
43) 1,1'-Biphenyl	13.310	154	693352	18.555	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	572250	19.389	ng/ul	98
45) 2-Nitroaniline	13.557	65	143362	17.918	ng/ul	100
47) Dimethylphthalate	13.939	163	706314	18.607	ng/ul	100
48) 2,6-Dinitrotoluene	14.057	165	128329	17.894	ng/ul	96
50) Acenaphthylene	14.198	152	922966	19.333	ng/ul	100
51) 3-Nitroaniline	14.386	138	144284	20.154	ng/ul	98
52) Acenaphthene	14.539	153	605432	19.180	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	67667	17.803	ng/ul	97
55) 4-Nitrophenol	14.692	109	104123	21.773	ng/ul	94
56) Dibenzofuran	14.875	168	863224	19.676	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	194776	19.308	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.098	232	181658	19.809	ng/ul	96
59) Diethylphthalate	15.304	149	676289	18.207	ng/ul	100
61) Fluorene	15.522	166	694683	20.011	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.522	204	358432	19.687	ng/ul	95
63) 4-Nitroaniline	15.545	138	154080	22.592	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.604	198	114380	18.015	ng/ul	91
67) N-Nitrosodiphenylamine	15.733	169	591753	18.031	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	224358	17.944	ng/ul	95
69) Hexachlorobenzene	16.522	284	263808	18.898	ng/ul	99
70) Atrazine	16.692	200	191449	19.621	ng/ul	98
71) Pentachlorophenol	16.869	266	160865	19.376	ng/ul	98
72) Phenanthrene	17.263	178	1153771	19.289	ng/ul	100
74) Anthracene	17.357	178	1172577	19.557	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.275	216	299803	17.507	ng/uL	99
76) Pentachlorobenzene	14.792	250	309730	18.413	ng/uL	98
77) Carbazole	17.633	167	1066604	22.321	ng/ul	99
78) Di-n-butylphthalate	18.186	149	1140289	17.921	ng/ul	100
80) Fluoranthene	19.233	202	1437140	14.640	ng/ul	100
82) Pyrene	19.586	202	1527236	15.421	ng/ul	98
83) Butylbenzylphthalate	20.468	149	533524	14.716	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	533160	20.564	ng/ul	98
85) Benzo(a)anthracene	21.298	228	1612797	18.624	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	783558	15.724	ng/ul	99
87) Chrysene	21.351	228	1502220	18.837	ng/ul	100
89) Di-n-octyl phthalate	22.139	149	1371402	14.993	ng/ul	100
90) Benzo(b)fluoranthene	22.956	252	1648256	17.844	ng/ul	99
91) Benzo(k)fluoranthene	23.004	252	1634294	18.286	ng/ul	99
93) Benzo(a)pyrene	23.574	252	1584050	18.768	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.139	276	1985015	19.684	ng/ul	97
95) Dibenzo(a,h)anthracene	26.162	278	1652301	19.696	ng/ul	98
96) Benzo(g,h,i)perylene	26.897	276	1599636	19.710	ng/ul	98

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

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