Quantitation Report (Qedit)

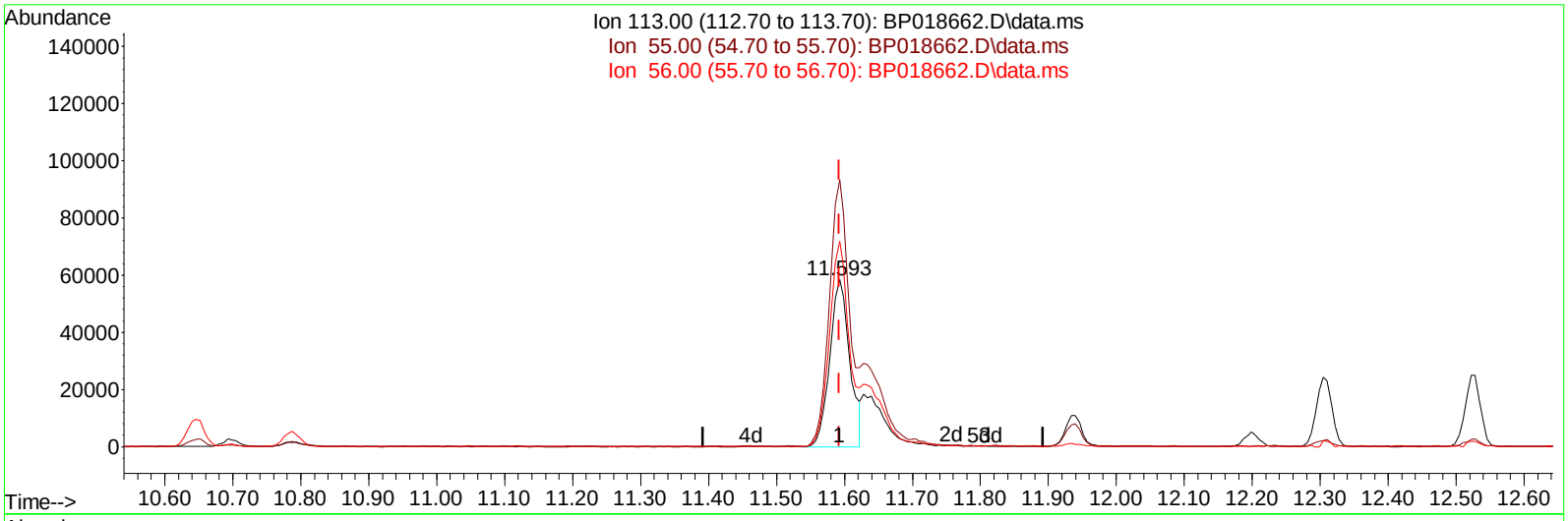
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018662.D
Acq On : 07 Dec 2023 05:55
Operator : MA/JU
Sample : PB157356BS
Misc :
ALS Vial : 99 Sample Multiplier: 1

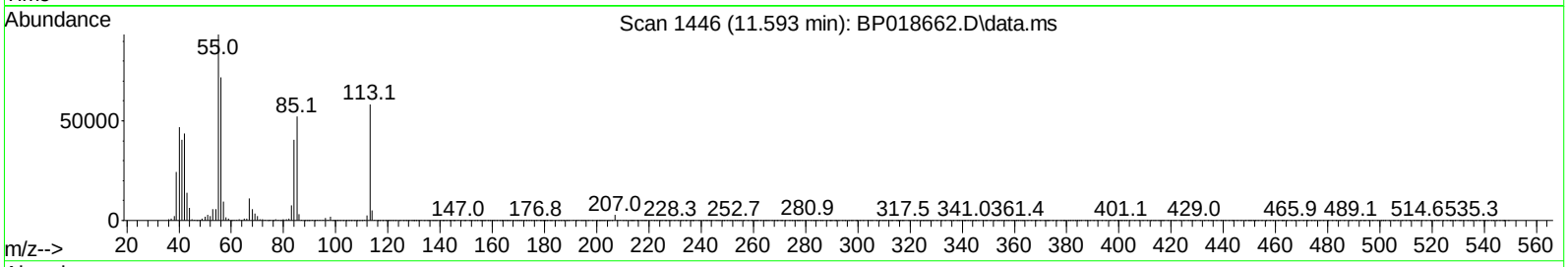
Quant Time: Dec 07 06:51:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

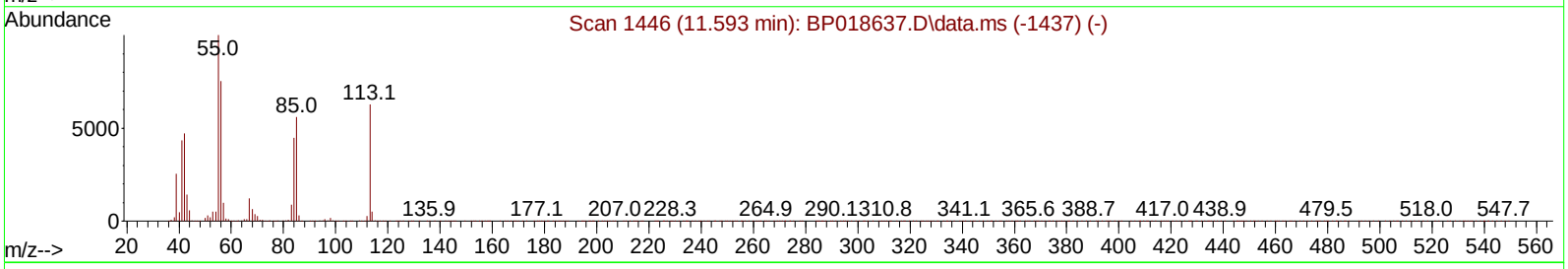
Instrument :
BNA_P
ClientSampleId :
SLCS356

Manual IntegrationsAPPROVED

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







TIC: BP018662.D\data.ms

(34) Caprolactam

11.593min (+ 0.000) 13.59 ng/ul

response 119894

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	159.88
56.00	121.80	123.04
0.00	0.00	0.00

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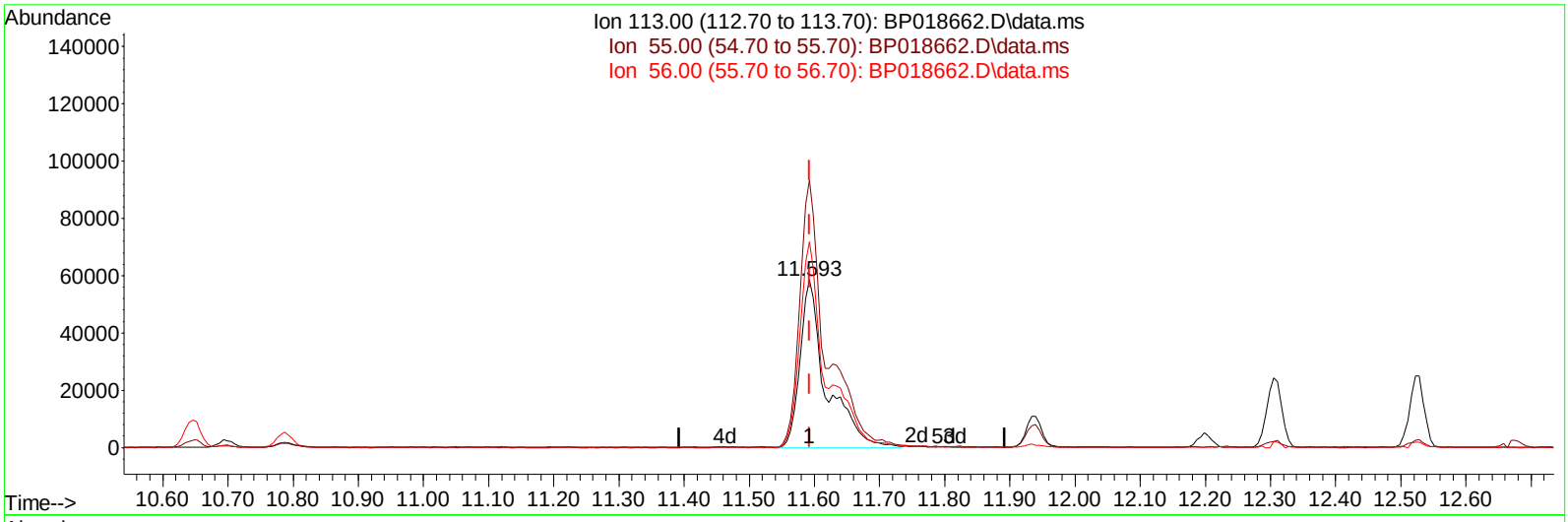

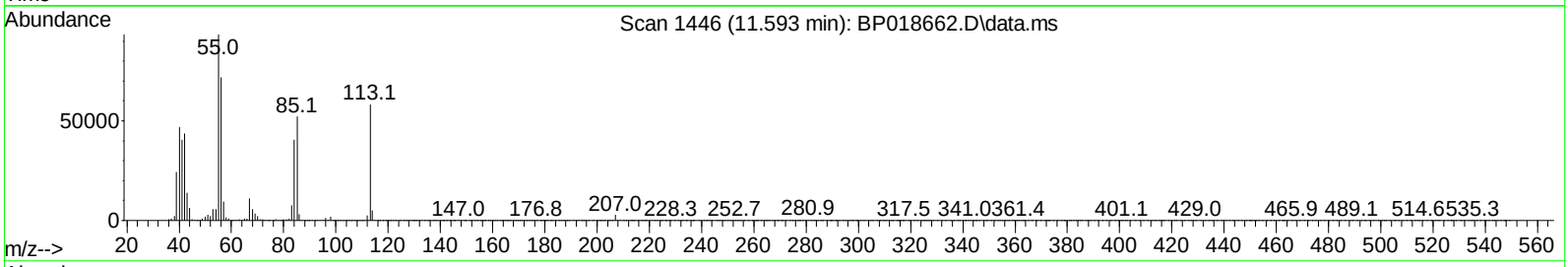

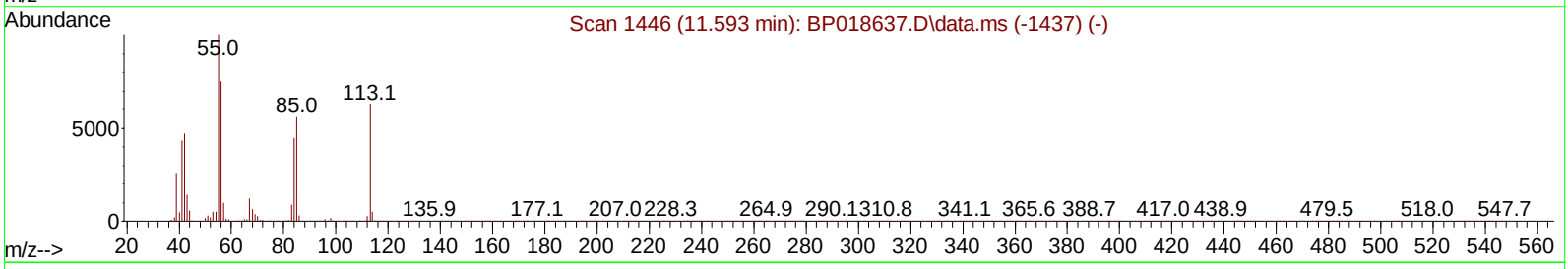

TIC: BP018662.D\data.ms

(34) Caprolactam

11.593min (+ 0.000) 18.47 ng/ul m

response 162959

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	159.88
56.00	121.80	123.04
0.00	0.00	0.00

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Sample : PB157356BS
Misc :
ALS Vial : 99 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Instrument :
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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	7.852	152	421070	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	1583391	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	857443	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1694896	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1758530	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	2146689	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	66261	5.362	ng/uL	0.00
4) Pyridine-d5	3.681	84	846957	25.590	ng/ul	0.00
7) Phenol-d5	7.022	99	1096650	25.953	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	647543	25.856	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	852639	25.859	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	791843	23.155	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	394393	27.986	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	419221	28.692	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	798844	26.739	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	872766	22.353	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	1983905	25.924	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	2337957	27.745	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	346116	27.553	ng/ul	0.00
60) Fluorene-d10	15.475	176	1690926	26.323	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	284752	28.019	ng/ul	0.00
73) Anthracene-d10	17.328	188	2330067	26.150	ng/ul	0.00
81) Pyrene-d10	19.563	212	3005252	21.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	3444899	27.522	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	134384	9.918	ng/uL	99
5) Pyridine	3.705	79	872750	26.112	ng/ul	95
6) Benzaldehyde	6.993	77	588207	26.961	ng/ul	96
8) Phenol	7.046	94	1080209	26.067	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	884944	26.003	ng/ul	100
12) 2-Chlorophenol	7.416	128	840486	25.187	ng/ul	99
13) 2-Methylphenol	8.299	108	758841	23.920	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.375	45	1056117	24.457	ng/ul	99
16) Acetophenone	8.675	105	1231131	24.157	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	598781	21.357	ng/ul	99
18) 4-Methylphenol	8.634	108	813154	23.473	ng/ul	96
19) Hexachloroethane	8.928	117	356058	26.027	ng/ul	94
22) Nitrobenzene	9.057	77	938656	27.395	ng/ul	99
23) Isophorone	9.581	82	1690421	24.197	ng/ul	100
25) 2-Nitrophenol	9.763	139	443031	28.320	ng/ul	98
26) 2,4-Dimethylphenol	9.828	107	456075	14.906	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.069	93	1110432	25.177	ng/ul	99
29) 2,4-Dichlorophenol	10.299	162	755889	26.267	ng/ul	98
30) Naphthalene	10.699	128	2524813	26.285	ng/ul	99
32) 4-Chloroaniline	10.810	127	831306	22.339	ng/ul	99
33) Hexachlorobutadiene	10.981	225	561509	29.135	ng/ul	100
34) Caprolactam	11.593	113	162959m	18.468	ng/ul	
35) 4-Chloro-3-methylphenol	11.934	107	591125	18.336	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	12.304	142	1665137	24.470 ng/ul	99
37) 1-Methylnaphthalene	12.528	142	1621073	23.589 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.675	216	959723	30.850 ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	354552	19.228 ng/ul	99
41) 2,4,6-Trichlorophenol	12.916	196	544512	27.209 ng/ul	100
42) 2,4,5-Trichlorophenol	12.987	196	588821	27.140 ng/ul	99
43) 1,1'-Biphenyl	13.316	154	2124514	28.649 ng/ul	99
44) 2-Chloronaphthalene	13.357	162	1693562	28.915 ng/ul	99
45) 2-Nitroaniline	13.563	65	429925	27.077 ng/ul	99
47) Dimethylphthalate	13.945	163	1946531	25.840 ng/ul	100
48) 2,6-Dinitrotoluene	14.063	165	395808	27.811 ng/ul	95
50) Acenaphthylene	14.204	152	2607499	27.522 ng/ul	99
51) 3-Nitroaniline	14.392	138	388329	27.333 ng/ul	99
52) Acenaphthene	14.545	153	1713250	27.349 ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	182425	24.185 ng/ul	98
55) 4-Nitrophenol	14.698	109	264088	27.827 ng/ul	97
56) Dibenzofuran	14.881	168	2345121	26.936 ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	544170	27.182 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.104	232	435391	23.924 ng/ul	96
59) Diethylphthalate	15.310	149	1836191	24.910 ng/ul	100
61) Fluorene	15.528	166	1811502	26.295 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.528	204	964093	26.683 ng/ul	96
63) 4-Nitroaniline	15.551	138	397785	29.390 ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	306980	28.253 ng/ul	92
67) N-Nitrosodiphenylamine	15.739	169	1519825	27.061 ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	597634	27.930 ng/ul	95
69) Hexachlorobenzene	16.528	284	683229	28.599 ng/ul	99
70) Atrazine	16.692	200	157738	9.447 ng/ul	99
71) Pentachlorophenol	16.875	266	357684	25.174 ng/ul	99
72) Phenanthrene	17.269	178	2864718	27.986 ng/ul	99
74) Anthracene	17.363	178	2696198	26.277 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.281	216	952810	32.512 ng/uL	99
76) Pentachlorobenzene	14.798	250	862932	29.976 ng/uL	99
77) Carbazole	17.633	167	2553849	31.229 ng/ul	100
78) Di-n-butylphthalate	18.192	149	2918185	26.799 ng/ul	99
80) Fluoranthene	19.239	202	3508676	21.684 ng/ul	97
82) Pyrene	19.592	202	3624878	22.207 ng/ul	97
83) Butylbenzylphthalate	20.469	149	1352354	22.630 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	1184687	27.722 ng/ul	99
85) Benzo(a)anthracene	21.298	228	3915171	27.429 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1915637	23.323 ng/ul	100
87) Chrysene	21.351	228	3645742	27.736 ng/ul	99
89) Di-n-octyl phthalate	22.145	149	3587484	22.889 ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	4155322	26.253 ng/ul	99
91) Benzo(k)fluoranthene	23.016	252	4184321	27.323 ng/ul	99
93) Benzo(a)pyrene	23.586	252	3987932	27.575 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.162	276	4310750	24.947 ng/ul	95
95) Dibenzo(a,h)anthracene	26.180	278	3584160	24.935 ng/ul	96
96) Benzo(g,h,i)perylene	26.921	276	3645904	26.218 ng/ul#	95

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

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