Quantitation Report (Qedit)

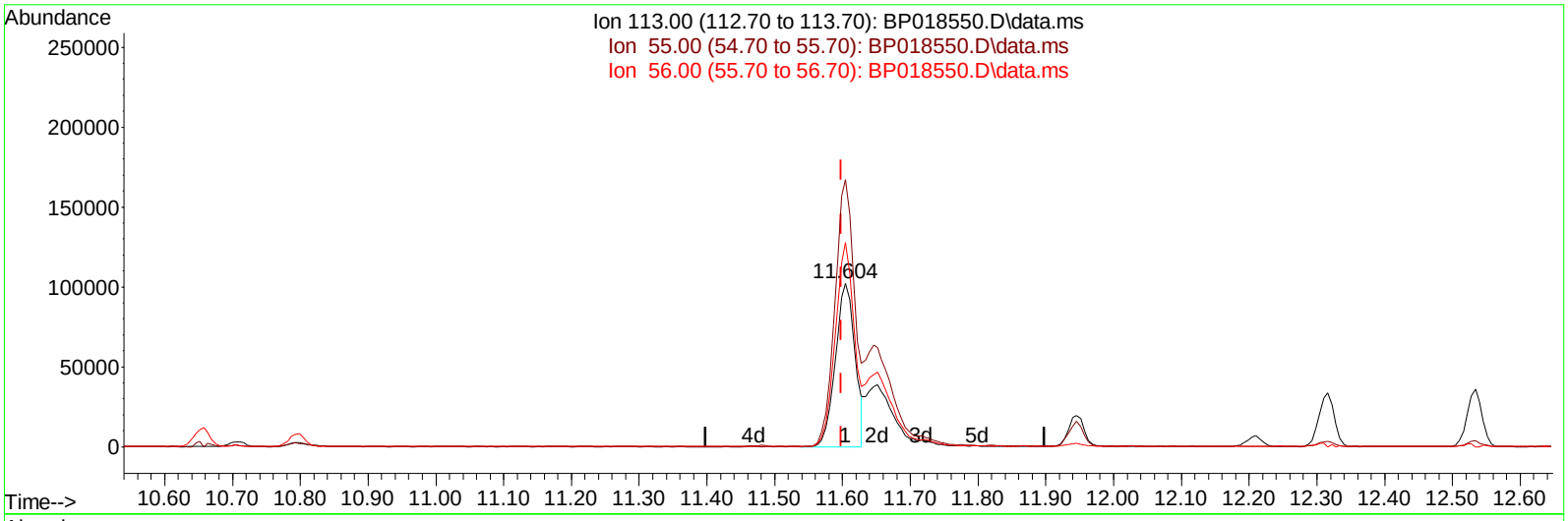
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
Data File : BP018550.D
Acq On : 03 Dec 2023 11:17
Operator : MA/JU
Sample : PB157194BS
Misc :
ALS Vial : 81 Sample Multiplier: 1

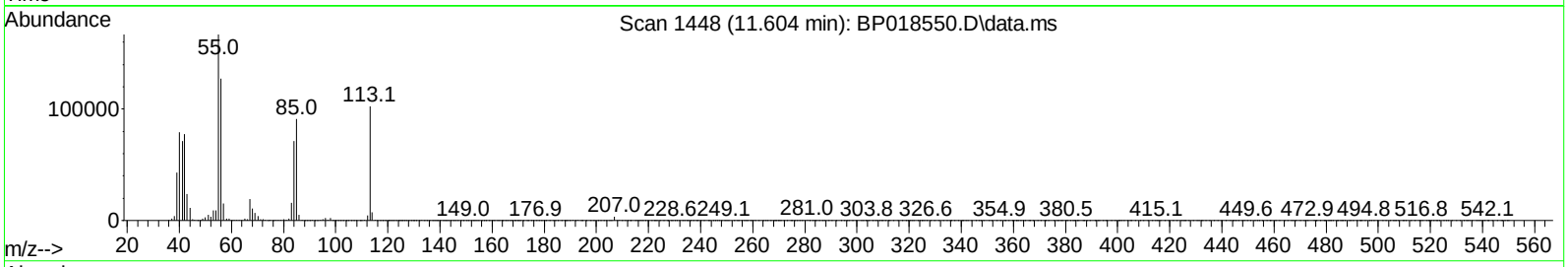
Quant Time: Dec 03 23:42:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 21:56:43 2023
Response via : Initial Calibration

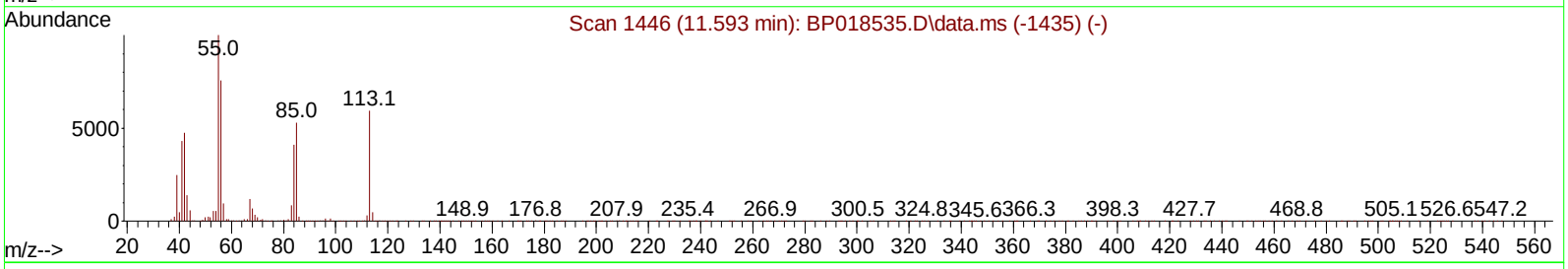
Instrument :
BNA_P
ClientSampleId :
SLCS194

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BP018550.D\data.ms

(34) Caprolactam

11.604min (+ 0.006) 21.01 ng/ul

response 206077

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	163.14
56.00	121.80	124.68
0.00	0.00	0.00

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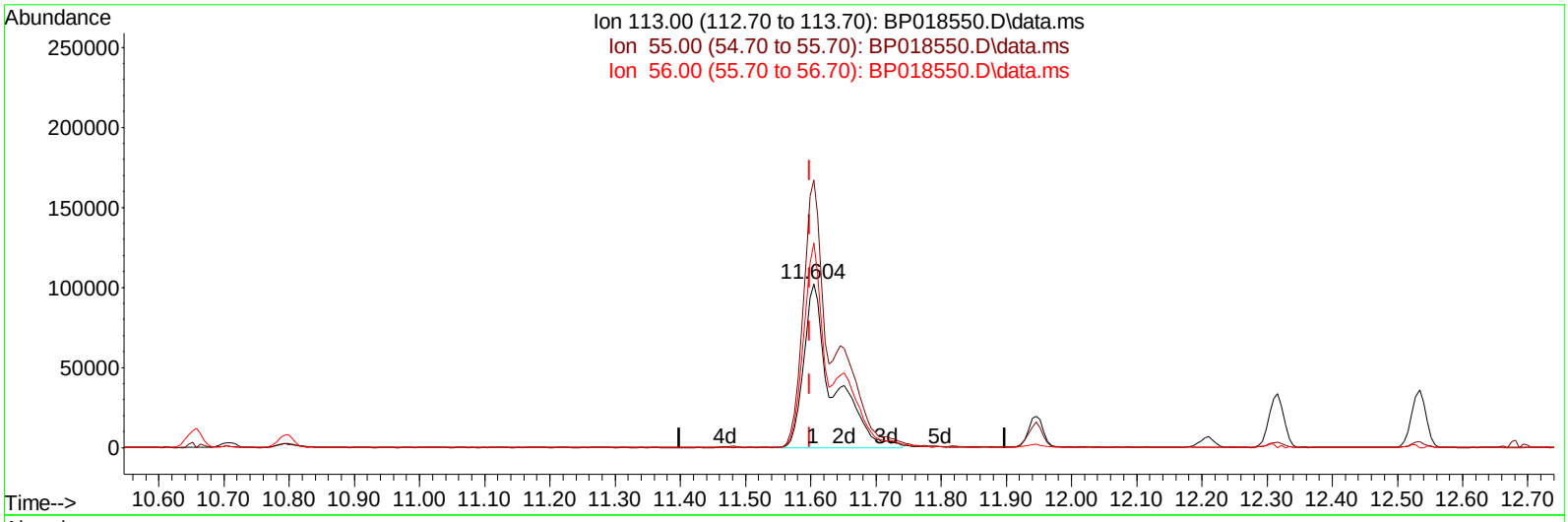

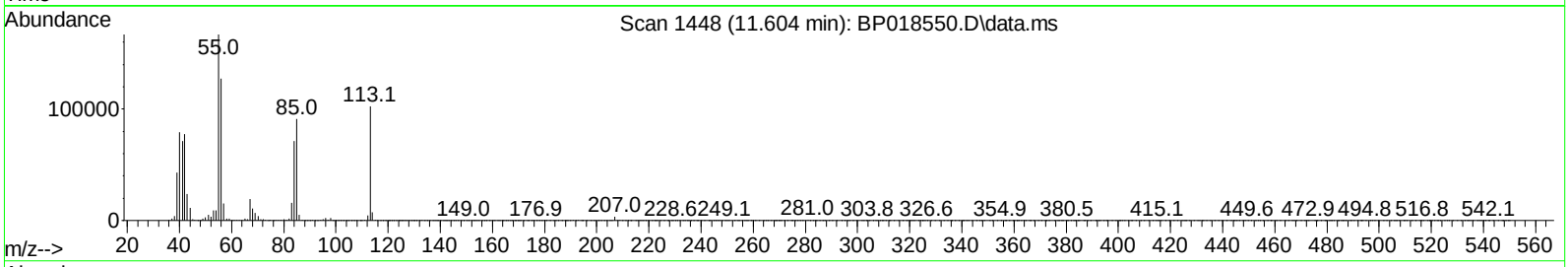

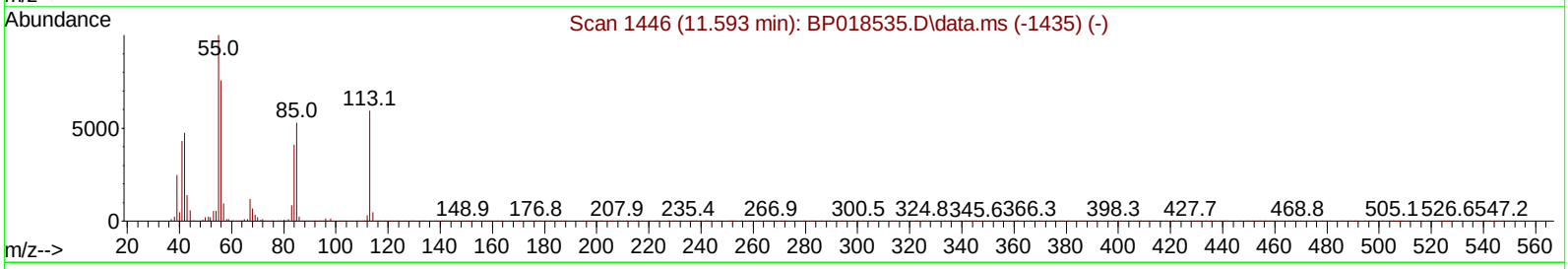

TIC: BP018550.D\data.ms

(34) Caprolactam

11.604min (+ 0.006) 32.33 ng/ul m

response 317090

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	163.14
56.00	121.80	124.68
0.00	0.00	0.00

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Sample : PB157194BS
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 21:56:43 2023
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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	7.858	152	408516	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.657	136	1759996	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.487	164	1091481	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.234	188	2160030	20.000	ng/ul	0.00
79) Chrysene-d12	21.322	240	1649570	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	1917874	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	67001	5.589	ng/uL	0.00
4) Pyridine-d5	3.687	84	943136	29.372	ng/ul	0.00
7) Phenol-d5	7.028	99	1283238	31.301	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	746982	30.743	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.387	132	945442	29.555	ng/ul	-0.01
15) 4-Methylphenol-d8	8.575	113	988323	29.789	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	471044	30.071	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	497428	30.629	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.275	165	1006997	30.324	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.793	131	1285337	29.616	ng/ul	-0.01
46) Dimethylphthalate-d6	13.904	166	2878333	29.547	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	3306308	30.823	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.692	143	478944	29.952	ng/ul	0.00
60) Fluorene-d10	15.481	176	2425812	29.666	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	393475	30.380	ng/ul	0.00
73) Anthracene-d10	17.334	188	3299234	29.054	ng/ul	0.00
81) Pyrene-d10	19.569	212	3557600	27.706	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	3424891	30.627	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	143863	10.943	ng/uL	99
5) Pyridine	3.711	79	1003438	30.945	ng/ul	94
6) Benzaldehyde	6.999	77	714809	33.771	ng/ul	97
8) Phenol	7.058	94	1309283	32.566	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.287	93	1055947	31.981	ng/ul	99
12) 2-Chlorophenol	7.422	128	982686	30.353	ng/ul	99
13) 2-Methylphenol	8.305	108	961032	31.224	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	1304552	31.139	ng/ul	98
16) Acetophenone	8.687	105	1586537	32.087	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.681	70	788715	28.996	ng/ul	98
18) 4-Methylphenol	8.640	108	1057816	31.474	ng/ul	97
19) Hexachloroethane	8.934	117	398597	30.031	ng/ul	99
22) Nitrobenzene	9.063	77	1178302	30.938	ng/ul	99
23) Isophorone	9.593	82	2305712	29.693	ng/ul	99
25) 2-Nitrophenol	9.775	139	557964	32.088	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	712295	20.945	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	1464367	29.870	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	988573	30.906	ng/ul	99
30) Naphthalene	10.704	128	3249912	30.439	ng/ul	100
32) 4-Chloroaniline	10.822	127	1204321	29.115	ng/ul	100
33) Hexachlorobutadiene	10.993	225	654043	30.531	ng/ul	100
34) Caprolactam	11.604	113	317090m	32.329	ng/ul	
35) 4-Chloro-3-methylphenol	11.946	107	1062805	29.660	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.316	142	2265184	29.947	ng/ul	100
37) 1-Methylnaphthalene	12.534	142	2216959	29.023	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.681	216	1281379	32.358	ng/ul	99
40) Hexachlorocyclopentadiene	12.663	237	542047	23.093	ng/ul	97
41) 2,4,6-Trichlorophenol	12.922	196	795947	31.245	ng/ul	99
42) 2,4,5-Trichlorophenol	12.993	196	867330	31.405	ng/ul	100
43) 1,1'-Biphenyl	13.328	154	2986712	31.640	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	2371230	31.805	ng/ul	99
45) 2-Nitroaniline	13.575	65	647808	32.051	ng/ul	97
47) Dimethylphthalate	13.951	163	2926798	30.522	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	595159	32.851	ng/ul	95
50) Acenaphthylene	14.210	152	3800296	31.511	ng/ul	100
51) 3-Nitroaniline	14.398	138	572766	31.671	ng/ul	100
52) Acenaphthene	14.551	153	2501090	31.365	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	268548	27.969	ng/ul	99
55) 4-Nitrophenol	14.704	109	365675	30.269	ng/ul	98
56) Dibenzofuran	14.887	168	3445629	31.090	ng/ul	98
57) 2,4-Dinitrotoluene	14.851	165	806552	31.649	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.110	232	664080	28.666	ng/ul	98
59) Diethylphthalate	15.316	149	2771491	29.536	ng/ul	100
61) Fluorene	15.534	166	2691068	30.686	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.534	204	1421812	30.913	ng/ul	95
63) 4-Nitroaniline	15.563	138	557219	32.342	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.616	198	440607	31.820	ng/ul	94
67) N-Nitrosodiphenylamine	15.745	169	2295866	32.076	ng/ul	99
68) 4-Bromophenyl-phenylether	16.428	248	848121	31.101	ng/ul	96
69) Hexachlorobenzene	16.534	284	975584	32.043	ng/ul	99
70) Atrazine	16.704	200	500981	23.542	ng/ul	98
71) Pentachlorophenol	16.881	266	516337	28.515	ng/ul	99
72) Phenanthrene	17.275	178	4088146	31.337	ng/ul	100
74) Anthracene	17.369	178	3954545	30.242	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.287	216	1290945	34.564	ng/uL	98
76) Pentachlorobenzene	14.804	250	1232227	33.587	ng/uL	99
77) Carbazole	17.639	167	3460222	33.201	ng/ul	99
78) Di-n-butylphthalate	18.198	149	4135747	29.802	ng/ul	100
80) Fluoranthene	19.245	202	4297276	28.312	ng/ul	99
82) Pyrene	19.598	202	4382086	28.619	ng/ul	98
83) Butylbenzylphthalate	20.475	149	1572075	28.045	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	1249023	31.158	ng/ul	99
85) Benzo(a)anthracene	21.304	228	4169471	31.140	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	2226561	28.899	ng/ul	100
87) Chrysene	21.357	228	3860969	31.313	ng/ul	99
89) Di-n-octyl phthalate	22.151	149	3775427	26.962	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	4259619	30.123	ng/ul	99
91) Benzo(k)fluoranthene	23.016	252	4242146	31.005	ng/ul	99
93) Benzo(a)pyrene	23.592	252	4074822	31.537	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.168	276	5188390	33.609	ng/ul	98
95) Dibenzo(a,h)anthracene	26.186	278	4346160	33.843	ng/ul	98
96) Benzo(g,h,i)perylene	26.921	276	4211589	33.899	ng/ul	97

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

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