Quantitation Report (Qedit)

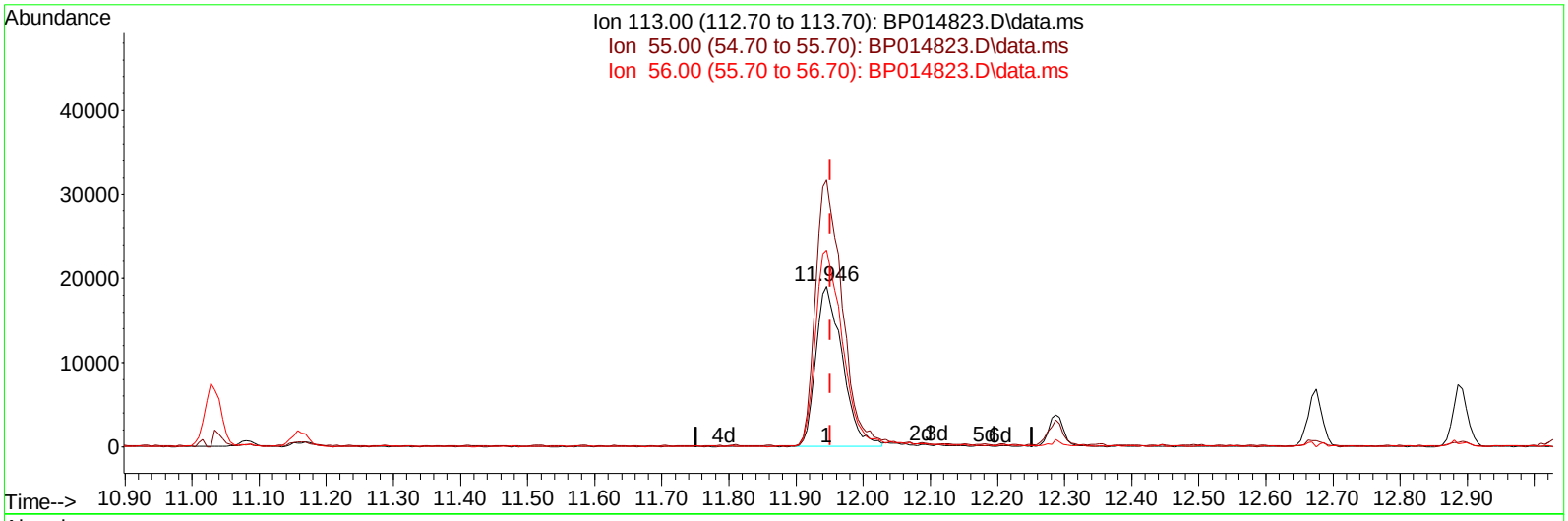
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042523\
Data File : BP014823.D
Acq On : 25 Apr 2023 14:33
Operator : CG/JU
Sample : SSTD01054
Misc :
ALS Vial : 3 Sample Multiplier: 1

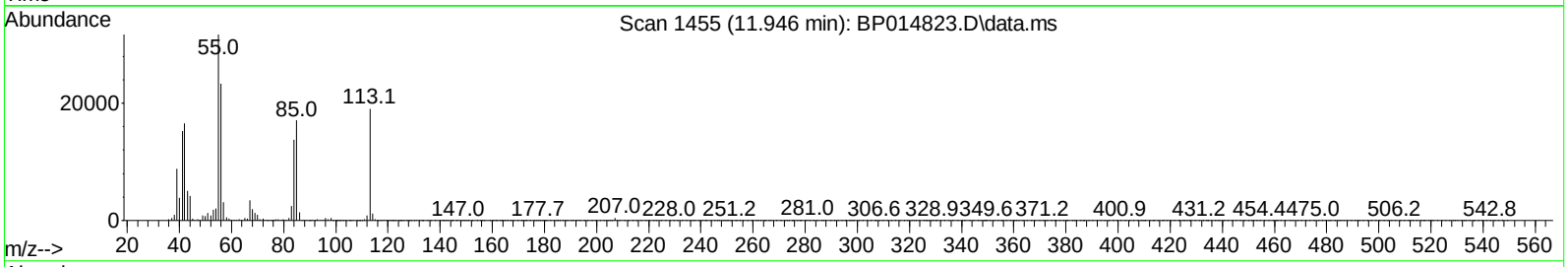
Quant Time: Apr 26 02:06:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 25 17:28:12 2023
Response via : Initial Calibration

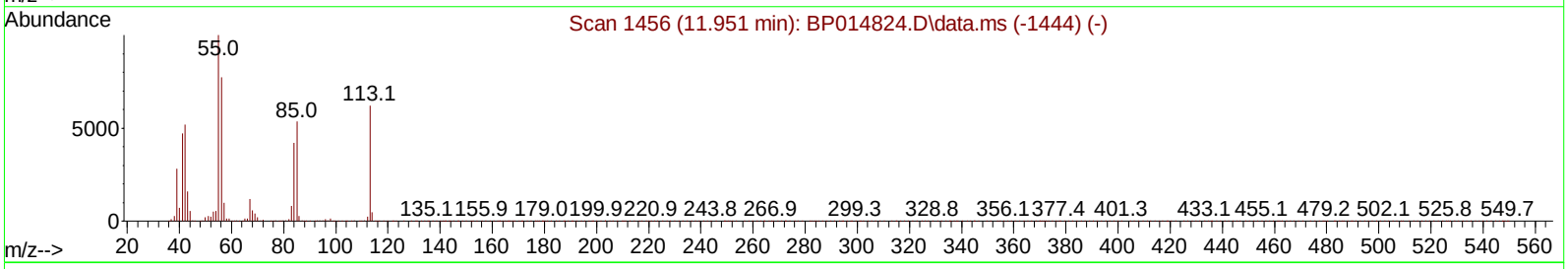
Instrument :
BNA_P
ClientSampleId :
SSTD010640

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023







TIC: BP014823.D\data.ms

(34) Caprolactam

11.946min (-0.006) 8.86 ng/ul

response 52471

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.30	166.36
56.00	124.30	122.57
0.00	0.00	0.00

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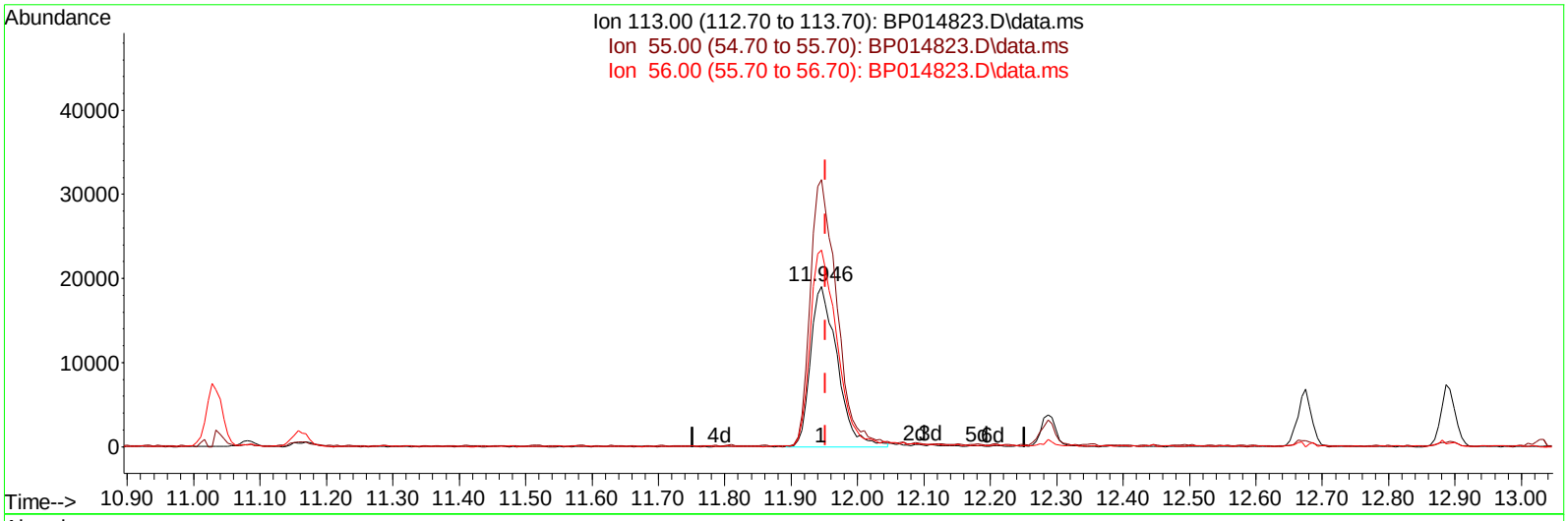

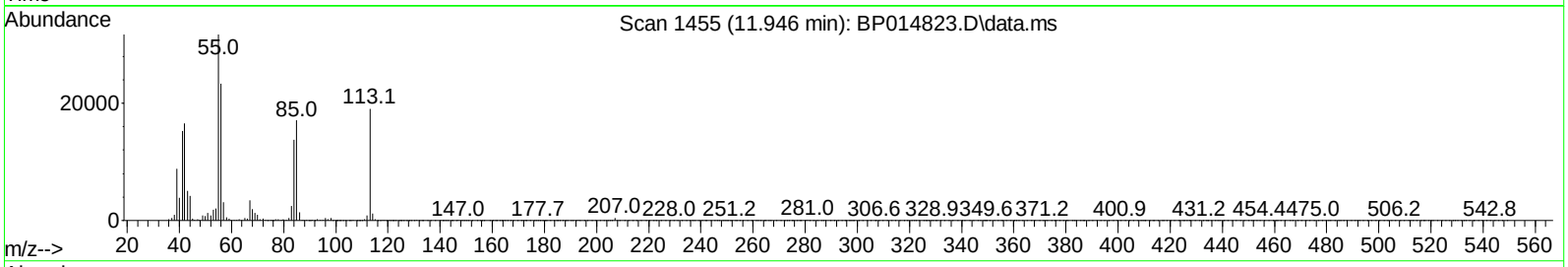

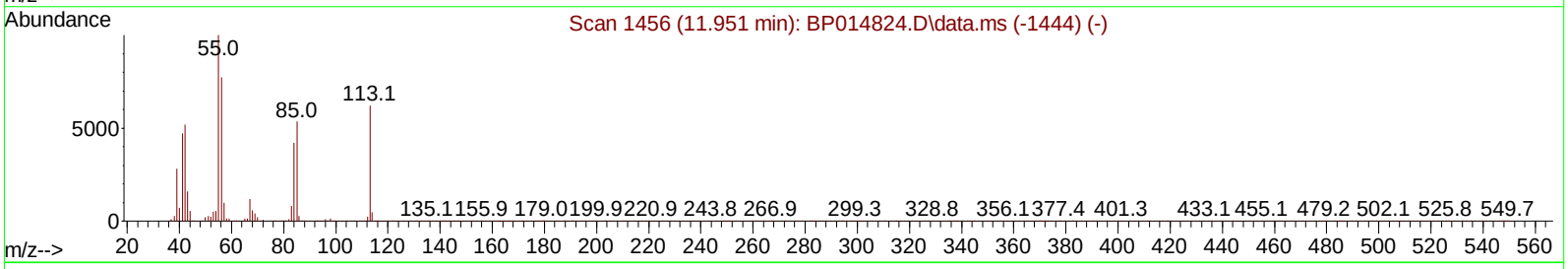

TIC: BP014823.D\data.ms

(34) Caprolactam

11.946min (-0.006) 8.96 ng/ul m

response 53068

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.30	166.36
56.00	124.30	122.57
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	8.199	152	253689	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	1125258	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.828	164	762657	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	1687282	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1557589	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1539573	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	24928	3.863	ng/uL	0.00
4) Pyridine-d5	3.940	84	178516	9.539	ng/ul	0.00
7) Phenol-d5	7.334	99	211218	9.159	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	135765	9.796	ng/ul	0.00
11) 2-Chlorophenol-d4	7.722	132	157373	9.241	ng/ul	0.00
15) 4-Methylphenol-d8	8.899	113	171150	9.240	ng/ul	0.00
21) Nitrobenzene-d5	9.369	128	74581	8.854	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	72649	8.391	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.640	165	169405	9.414	ng/ul	0.00
31) 4-Chloroaniline-d4	11.163	131	261025	10.108	ng/ul	0.00
46) Dimethylphthalate-d6	14.228	166	581496	9.826	ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	668033	9.847	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	97511	9.045	ng/ul	0.00
60) Fluorene-d10	15.816	176	508983	10.102	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	69669	7.441	ng/ul	0.00
73) Anthracene-d10	17.675	188	795784	10.044	ng/ul	0.00
81) Pyrene-d10	19.892	212	904676	9.553	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	752825	9.432	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.540	88	27101	3.892	ng/uL#	97
5) Pyridine	3.958	79	185892	9.688	ng/ul	95
6) Benzaldehyde	7.322	77	128868	11.765	ng/ul	98
8) Phenol	7.363	94	225998	9.423	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.610	93	185917	9.670	ng/ul	99
12) 2-Chlorophenol	7.752	128	164806	9.279	ng/ul	97
13) 2-Methylphenol	8.634	108	167889	9.280	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.734	45	236697	9.878	ng/ul	98
16) Acetophenone	9.028	105	303572	10.476	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.010	70	145579	9.817	ng/ul	97
18) 4-Methylphenol	8.963	108	188575	9.311	ng/ul	98
19) Hexachloroethane	9.299	117	67547	9.428	ng/ul	97
22) Nitrobenzene	9.416	77	204223	9.531	ng/ul	99
23) Isophorone	9.940	82	424764	9.596	ng/ul	99
25) 2-Nitrophenol	10.134	139	85312	8.827	ng/ul	95
26) 2,4-Dimethylphenol	10.181	107	210060	9.795	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.428	93	273236	9.805	ng/ul	98
29) 2,4-Dichlorophenol	10.669	162	171887	9.586	ng/ul	96
30) Naphthalene	11.081	128	617709	9.924	ng/ul	98
32) 4-Chloroaniline	11.187	127	270056	10.380	ng/ul	99
33) Hexachlorobutadiene	11.369	225	111481	9.775	ng/ul	100
34) Caprolactam	11.946	113	53068m	8.961	ng/ul	
35) 4-Chloro-3-methylphenol	12.287	107	190912	9.615	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.675	142	422483	9.997	ng/ul	99
37) 1-Methylnaphthalene	12.893	142	425513	10.100	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.034	216	232678	9.738	ng/ul	100
40) Hexachlorocyclopentadiene	13.016	237	112313	8.112	ng/ul	99
41) 2,4,6-Trichlorophenol	13.269	196	142784	9.415	ng/ul	99
42) 2,4,5-Trichlorophenol	13.334	196	157888	9.421	ng/ul	100
43) 1,1'-Biphenyl	13.669	154	599375	9.998	ng/ul	99
44) 2-Chloronaphthalene	13.710	162	466118	9.932	ng/ul	99
45) 2-Nitroaniline	13.910	65	102719	8.739	ng/ul	98
47) Dimethylphthalate	14.275	163	593401	10.005	ng/ul	99
48) 2,6-Dinitrotoluene	14.398	165	93136	8.764	ng/ul	98
50) Acenaphthylene	14.551	152	732900	10.003	ng/ul	100
51) 3-Nitroaniline	14.728	138	102522	8.795	ng/ul	98
52) Acenaphthene	14.892	153	504762	10.022	ng/ul	98
53) 2,4-Dinitrophenol	14.922	184	39700	6.342	ng/ul	94
55) 4-Nitrophenol	15.010	109	77448	9.601	ng/ul	96
56) Dibenzofuran	15.222	168	717766	10.120	ng/ul	100
57) 2,4-Dinitrotoluene	15.175	165	143317	9.153	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.445	232	135258	9.571	ng/ul	99
59) Diethylphthalate	15.634	149	565479	9.845	ng/ul	99
61) Fluorene	15.875	166	593219	10.602	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.863	204	293882	10.361	ng/ul	96
63) 4-Nitroaniline	15.881	138	104648	9.953	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.939	198	75603	8.034	ng/ul#	95
67) N-Nitrosodiphenylamine	16.075	169	495517	9.986	ng/ul	98
68) 4-Bromophenyl-phenylether	16.763	248	176478	9.666	ng/ul	98
69) Hexachlorobenzene	16.875	284	205885	9.724	ng/ul	97
70) Atrazine	17.022	200	162326	9.571	ng/ul	98
71) Pentachlorophenol	17.222	266	106343	8.562	ng/ul	100
72) Phenanthrene	17.622	178	936218	10.132	ng/ul	99
74) Anthracene	17.710	178	950548	10.203	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.634	216	241107	9.599	ng/uL	99
76) Pentachlorobenzene	15.145	250	242657	9.785	ng/uL	99
77) Carbazole	17.975	167	840478	10.600	ng/ul	100
78) Di-n-butylphthalate	18.510	149	902092	9.586	ng/ul	99
80) Fluoranthene	19.569	202	1072985	9.614	ng/ul	98
82) Pyrene	19.916	202	1143385	9.906	ng/ul	100
83) Butylbenzylphthalate	20.774	149	326220	8.423	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.557	252	292663	9.004	ng/ul	98
85) Benzo(a)anthracene	21.633	228	1069936	9.874	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	486048	8.454	ng/ul	100
87) Chrysene	21.692	228	1022737	9.956	ng/ul	98
89) Di-n-octyl phthalate	22.527	149	802203	7.837	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	1014060	9.618	ng/ul	98
91) Benzo(k)fluoranthene	23.498	252	976749	9.552	ng/ul	99
93) Benzo(a)pyrene	24.133	252	856105	9.586	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.004	276	956148	9.495	ng/ul	99
95) Dibenzo(a,h)anthracene	27.027	278	801982	9.549	ng/ul	99
96) Benzo(g,h,i)perylene	27.856	276	755755	9.472	ng/ul	98

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

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