Quantitation Report (Qedit)

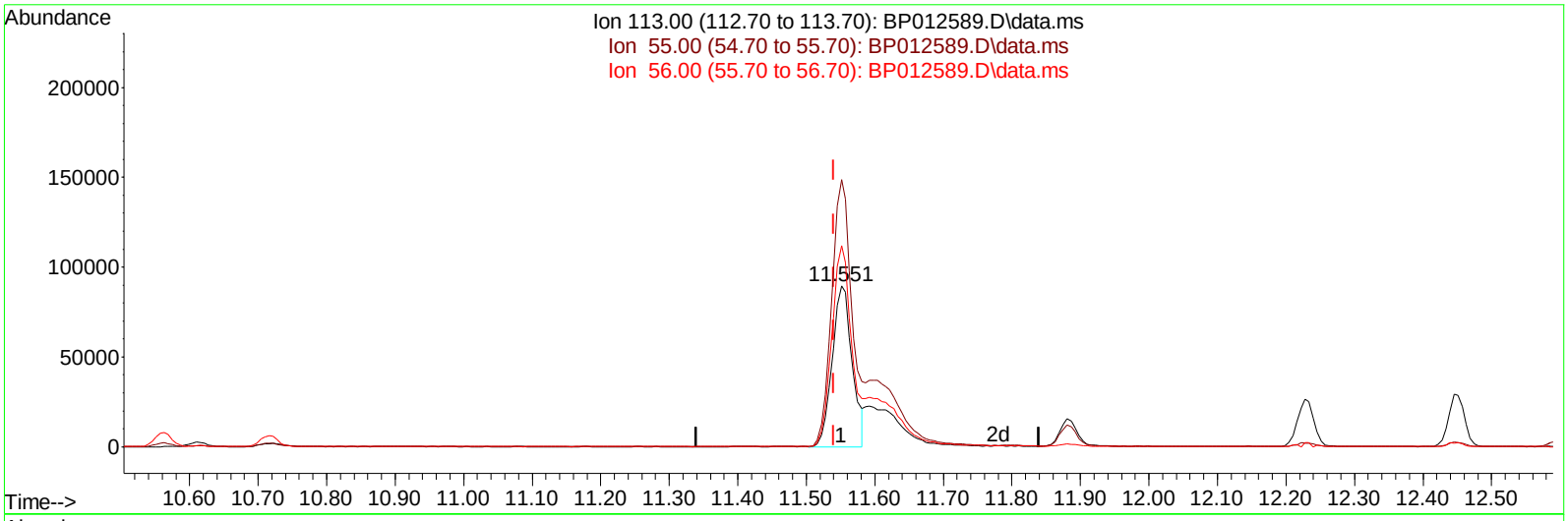
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110922\
Data File : BP012589.D
Acq On : 09 Nov 2022 15:25
Operator : CG/JU
Sample : SSTD04095
Misc :
ALS Vial : 5 Sample Multiplier: 1

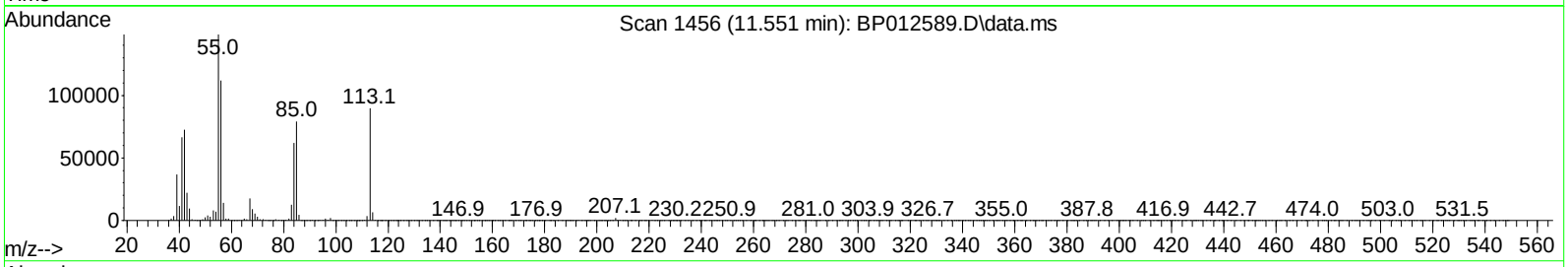
Quant Time: Nov 09 22:55:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 09 22:51:31 2022
Response via : Initial Calibration

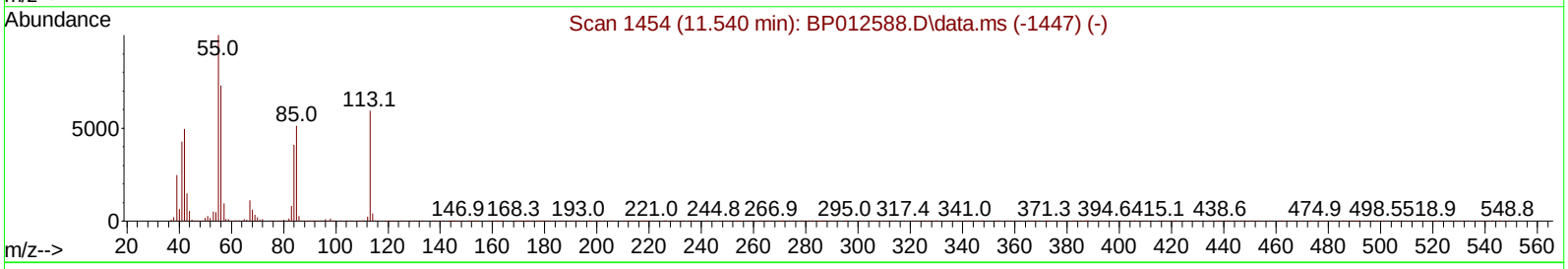
Instrument :
BNA_P
ClientSampleId :
SSTD040613

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/10/2022
Supervised By :mohammad ahmed 11/14/2022







TIC: BP012589.D\data.ms

(34) Caprolactam

11.551min (+ 0.012) 27.47 ng/ul

response 180841

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	165.93
56.00	123.20	125.16
0.00	0.00	0.00

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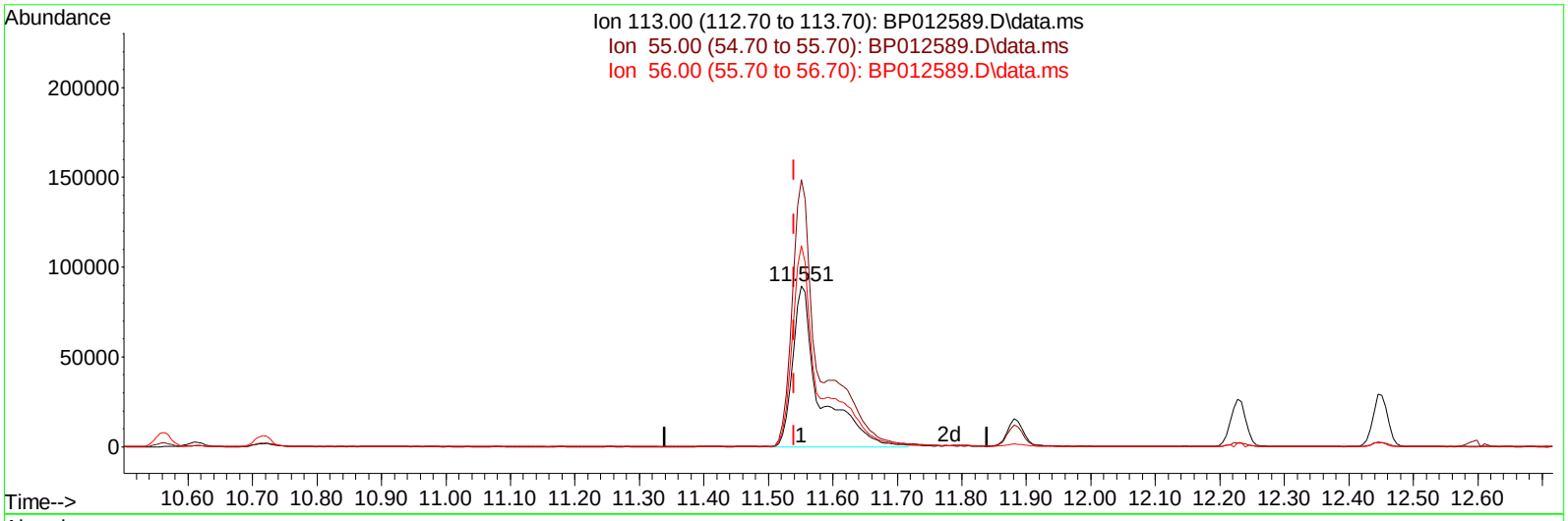

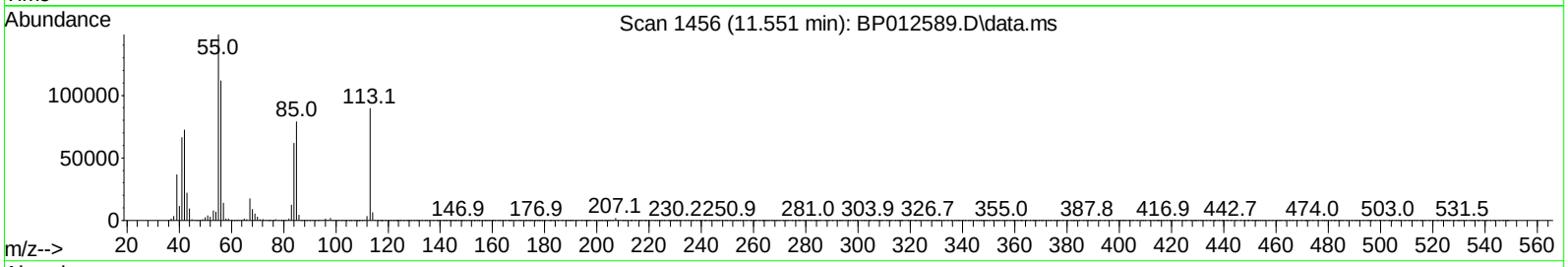

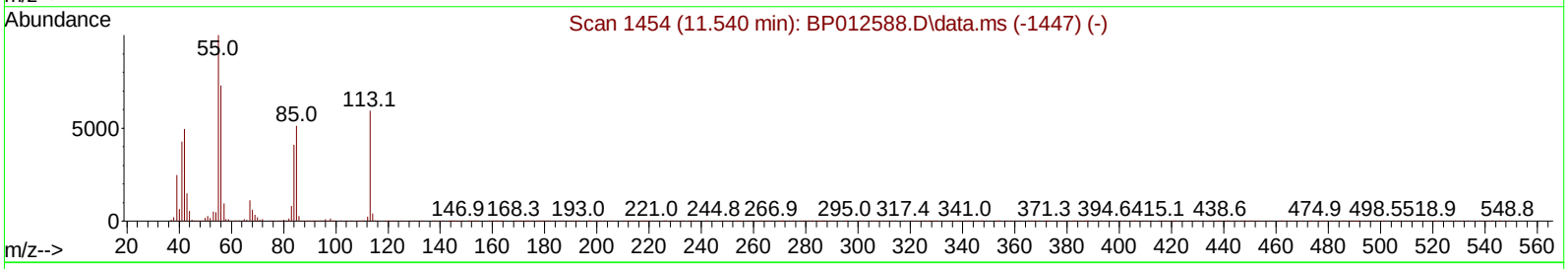

TIC: BP012589.D\data.ms

(34) Caprolactam

11.551min (+ 0.012) 39.88 ng/ul m

response 262550

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	165.93
56.00	123.20	125.16
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	7.763	152	289283	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	1277749	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	803565	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1677253	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	1468170	20.000	ng/ul	0.00
88) Perylene-d12	23.656	264	1267965	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	116634	16.234	ng/uL	0.00
4) Pyridine-d5	3.640	84	849994	41.185	ng/ul	0.00
7) Phenol-d5	6.951	99	1036423	39.945	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	619033	39.965	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	798609	42.148	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	821032	40.009	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	416059	50.213	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	467209	54.325	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	817459	43.859	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	1140643	41.102	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	2345634	42.641	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	2689757	42.788	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	399098	38.334	ng/ul	0.00
60) Fluorene-d10	15.416	176	1979867	42.038	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	409576	46.903	ng/ul	0.00
73) Anthracene-d10	17.280	188	3026186	41.874	ng/ul	0.00
81) Pyrene-d10	19.527	212	3380864	45.866	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	2679095	43.243	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	121321	15.884	ng/uL	99
5) Pyridine	3.658	79	820314	40.445	ng/ul	97
6) Benzaldehyde	6.916	77	543808	44.439	ng/ul	100
8) Phenol	6.981	94	1078270	39.968	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.199	93	865643	39.980	ng/ul	98
12) 2-Chlorophenol	7.334	128	850931	41.254	ng/ul	100
13) 2-Methylphenol	8.222	108	828982	39.957	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.298	45	1131662	38.973	ng/ul	100
16) Acetophenone	8.598	105	1305556	40.962	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.587	70	649737	42.344	ng/ul	99
18) 4-Methylphenol	8.557	108	901860	39.772	ng/ul	100
19) Hexachloroethane	8.834	117	340737	42.952	ng/ul	98
22) Nitrobenzene	8.981	77	977781	45.229	ng/ul	98
23) Isophorone	9.504	82	1904573	42.100	ng/ul	99
25) 2-Nitrophenol	9.687	139	516450	50.081	ng/ul	99
26) 2,4-Dimethylphenol	9.751	107	966847	42.699	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.987	93	1178601	40.712	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	835689	43.191	ng/ul	100
30) Naphthalene	10.616	128	2746855	40.563	ng/ul	99
32) 4-Chloroaniline	10.740	127	1188516	41.622	ng/ul	100
33) Hexachlorobutadiene	10.887	225	535762	44.508	ng/ul	98
34) Caprolactam	11.551	113	262550m	39.879	ng/ul	
35) 4-Chloro-3-methylphenol	11.881	107	917714	43.166	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.228	142	1912821	41.201	ng/ul	99
37) 1-Methylnaphthalene	12.451	142	1902068	41.024	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.598	216	1015096	43.007	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	489903	44.863	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	681486	45.170	ng/ul	99
42) 2,4,5-Trichlorophenol	12.934	196	731073	44.427	ng/ul	99
43) 1,1'-Biphenyl	13.245	154	2432825	41.174	ng/ul	100
44) 2-Chloronaphthalene	13.292	162	1929894	41.565	ng/ul	99
45) 2-Nitroaniline	13.516	65	572786	53.225	ng/ul	99
47) Dimethylphthalate	13.886	163	2433859	41.995	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	519778	54.013	ng/ul	94
50) Acenaphthylene	14.139	152	2935582	41.640	ng/ul	99
51) 3-Nitroaniline	14.351	138	526187	44.656	ng/ul	97
52) Acenaphthene	14.486	153	2031375	41.002	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	285032	43.860	ng/ul	97
55) 4-Nitrophenol	14.680	109	310212	39.380	ng/ul	98
56) Dibenzofuran	14.822	168	2732653	40.402	ng/ul	98
57) 2,4-Dinitrotoluene	14.804	165	718282	49.555	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.057	232	626193	44.835	ng/ul	98
59) Diethylphthalate	15.251	149	2448183	43.412	ng/ul	99
61) Fluorene	15.475	166	2159879	40.190	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	1095079	41.542	ng/ul	100
63) 4-Nitroaniline	15.522	138	466646	43.835	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.575	198	426599	45.850	ng/ul#	95
67) N-Nitrosodiphenylamine	15.692	169	1955676	41.399	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	748384	44.422	ng/ul	99
69) Hexachlorobenzene	16.480	284	884920	43.795	ng/ul	96
70) Atrazine	16.657	200	728185	44.498	ng/ul	99
71) Pentachlorophenol	16.833	266	511420	41.212	ng/ul	99
72) Phenanthrene	17.227	178	3606906	40.706	ng/ul	100
74) Anthracene	17.316	178	3598012	40.874	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	1030681	42.957	ng/uL	99
76) Pentachlorobenzene	14.739	250	1086243	42.873	ng/uL	99
77) Carbazole	17.598	167	3299566	42.086	ng/ul	99
78) Di-n-butylphthalate	18.145	149	4227939	46.419	ng/ul	100
80) Fluoranthene	19.198	202	4194472	46.088	ng/ul	100
82) Pyrene	19.557	202	4214863	44.713	ng/ul	98
83) Butylbenzylphthalate	20.433	149	1883235	53.586	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.204	252	1292553	40.529	ng/ul	99
85) Benzo(a)anthracene	21.268	228	3919869	41.850	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	2663349	49.561	ng/ul	99
87) Chrysene	21.321	228	3651721	41.704	ng/ul	100
89) Di-n-octyl phthalate	22.098	149	4291237	56.740	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	3601417	44.855	ng/ul	99
91) Benzo(k)fluoranthene	22.980	252	3477162	45.442	ng/ul	99
93) Benzo(a)pyrene	23.556	252	2981189	42.518	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.121	276	3172175	36.307	ng/ul	99
95) Dibenzo(a,h)anthracene	26.139	278	2886442	36.896	ng/ul	98
96) Benzo(g,h,i)perylene	26.886	276	2801902	36.278	ng/ul	99

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

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