Quantitation Report (Qedit)

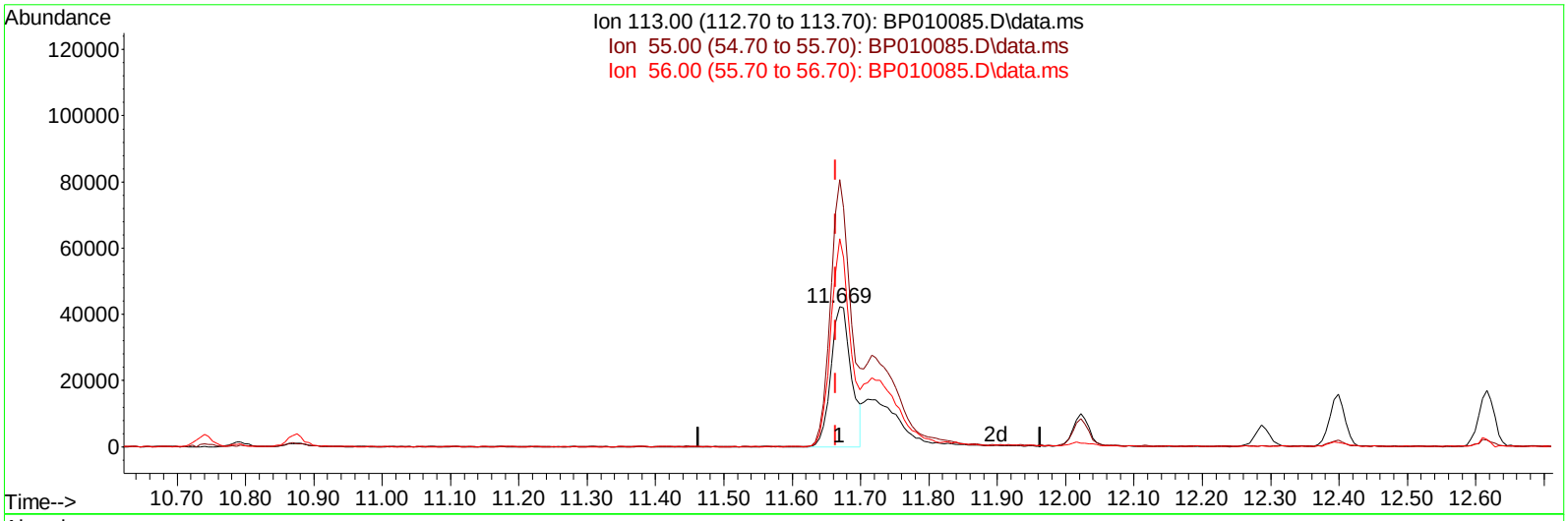
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042522\
Data File : BP010085.D
Acq On : 25 Apr 2022 16:32
Operator : CG/JU
Sample : PB144303BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

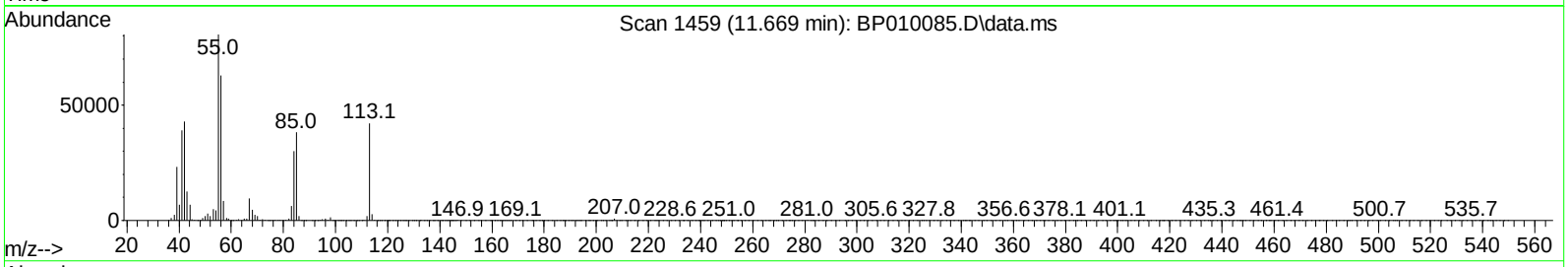
Quant Time: Apr 26 01:02:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 14:49:38 2022
Response via : Initial Calibration

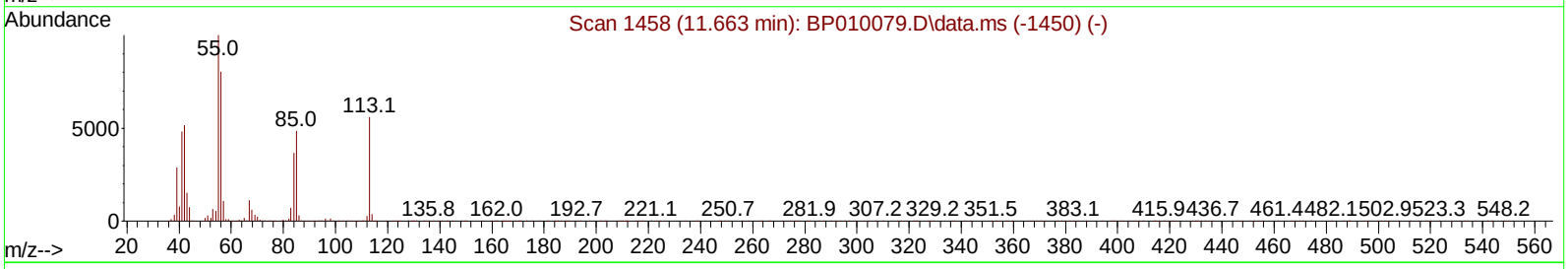
Instrument :
BNA_P
ClientSampleId :
SLCS303

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/28/2022







TIC: BP010085.D\data.ms

(34) Caprolactam

11.669min (+ 0.006) 35.07 ng/ul

response 88060

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	190.93#
56.00	85.80	149.02#
0.00	0.00	0.00

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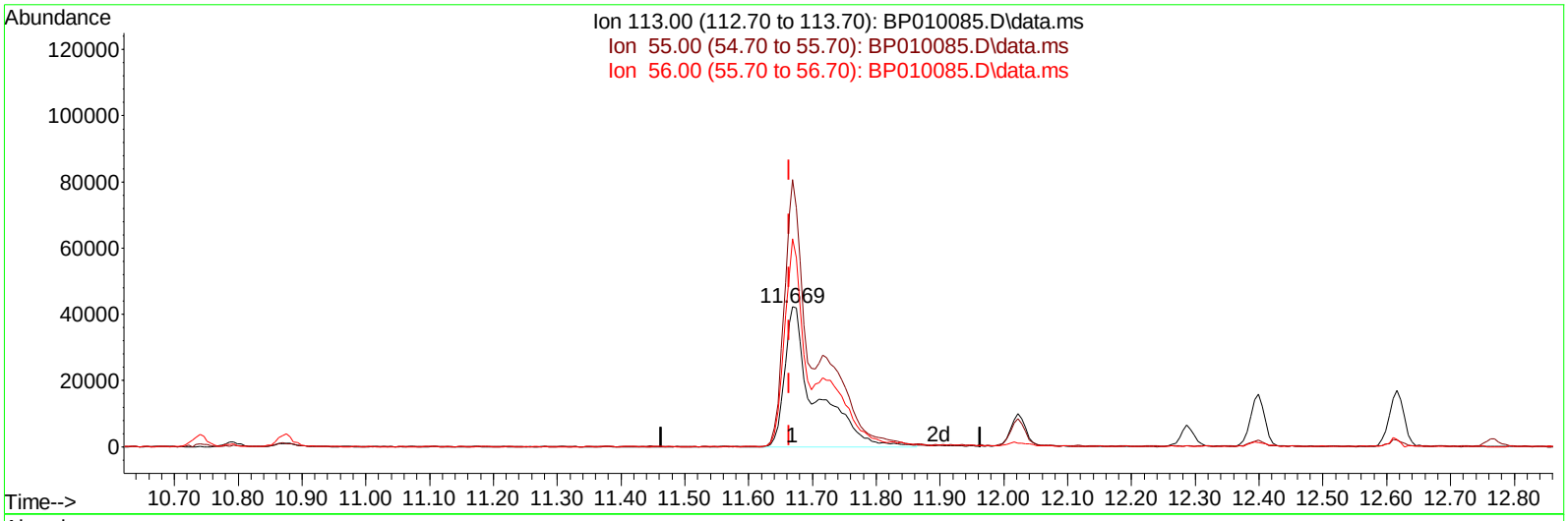

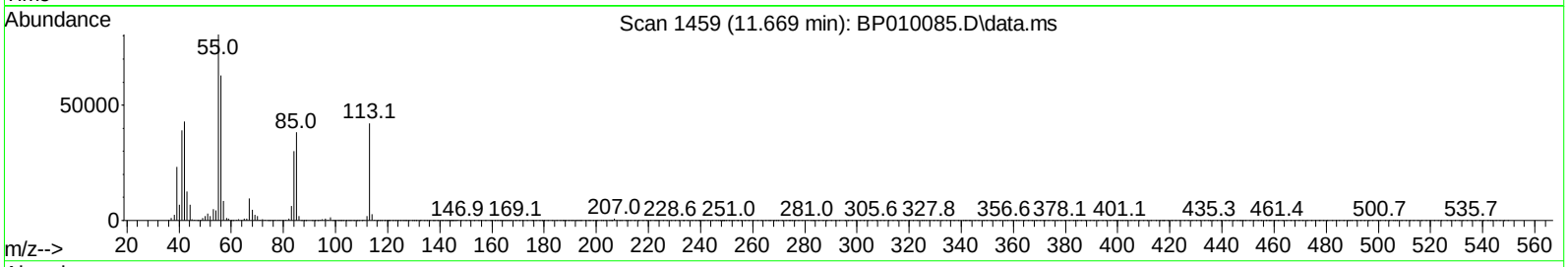

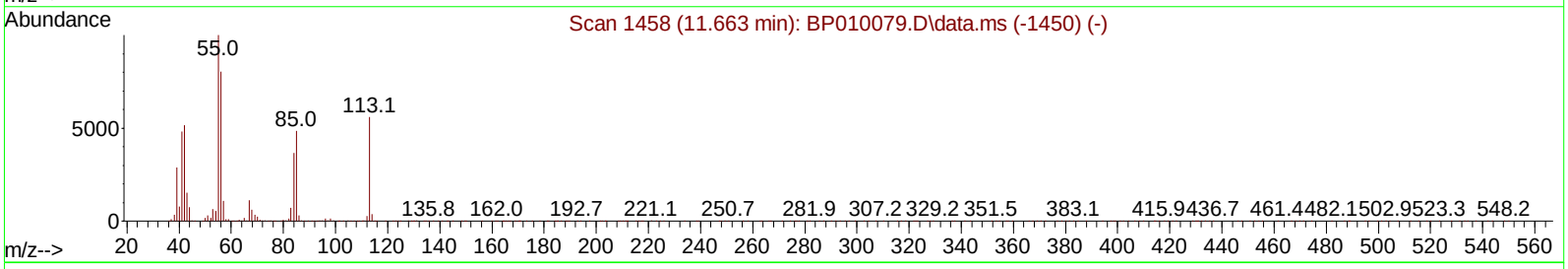

TIC: BP010085.D\data.ms

(34) Caprolactam

11.669min (+ 0.006) 56.49 ng/ul m

response 141821

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	190.93#
56.00	85.80	149.02#
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	7.934	152	98021	20.000	ng/ul		0.00
20) Naphthalene-d8	10.740	136	429380	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.569	164	289742	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.322	188	611911	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.404	240	522153	20.000	ng/ul	#	0.00
88) Perylene-d12	23.857	264	396751	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.370	96	26071	11.598	ng/uL		0.00
4) Pyridine-d5	3.781	84	333203	52.692	ng/ul		0.00
7) Phenol-d5	7.099	99	490288	54.990	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	322439	60.270	ng/ul		0.00
11) 2-Chlorophenol-d4	7.469	132	392726	59.477	ng/ul		0.00
15) 4-Methylphenol-d8	8.646	113	414466	56.107	ng/ul		0.00
21) Nitrobenzene-d5	9.093	128	202182	59.203	ng/ul		0.00
24) 2-Nitrophenol-d4	9.816	143	225817	60.546	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.363	165	410537	56.542	ng/ul		0.00
31) 4-Chloroaniline-d4	10.875	131	534834	51.373	ng/ul		0.00
46) Dimethylphthalate-d6	13.975	166	1340699	59.484	ng/ul		0.00
49) Acenaphthylene-d8	14.263	160	1526758	55.970	ng/ul		0.00
54) 4-Nitrophenol-d4	14.763	143	218209	52.589	ng/ul		0.00
60) Fluorene-d10	15.563	176	1136309	58.609	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	238852	61.732	ng/ul		0.00
73) Anthracene-d10	17.422	188	1733623	58.561	ng/ul		0.00
81) Pyrene-d10	19.651	212	1973137	66.447	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.698	264	1339255	64.387	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	54673	23.406	ng/uL	#	21
5) Pyridine	3.799	79	373371	56.801	ng/ul	#	45
6) Benzaldehyde	7.069	77	329561	69.168	ng/ul		95
8) Phenol	7.122	94	548184	61.191	ng/ul	#	93
10) Bis(2-Chloroethyl)ether	7.358	93	437834	63.436	ng/ul	#	79
12) 2-Chlorophenol	7.499	128	424863	63.790	ng/ul		95
13) 2-Methylphenol	8.375	108	418107	60.854	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	664327	64.866	ng/ul	#	84
16) Acetophenone	8.758	105	682546	59.222	ng/ul	#	81
17) N-Nitroso-di-n-propyla...	8.752	70	367025	60.781	ng/ul	#	73
18) 4-Methylphenol	8.710	108	453946	60.007	ng/ul		95
19) Hexachloroethane	9.022	117	181014	64.679	ng/ul	#	81
22) Nitrobenzene	9.134	77	524557	62.693	ng/ul	#	83
23) Isophorone	9.669	82	1022731	61.886	ng/ul	#	96
25) 2-Nitrophenol	9.852	139	252272	63.864	ng/ul	#	84
26) 2,4-Dimethylphenol	9.910	107	507095	59.294	ng/ul	#	78
27) Bis(2-Chloroethoxy)met...	10.146	93	612917	63.276	ng/ul	#	97
29) 2,4-Dichlorophenol	10.387	162	432538	61.971	ng/ul	#	82
30) Naphthalene	10.793	128	1400426	62.315	ng/ul		97
32) 4-Chloroaniline	10.899	127	559120	54.500	ng/ul		97
33) Hexachlorobutadiene	11.087	225	308239	62.312	ng/ul		95
34) Caprolactam	11.669	113	141821m	56.488	ng/ul		
35) 4-Chloro-3-methylphenol	12.022	107	501962	59.534	ng/ul	#	68

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.399	142	991306	60.821 ng/ul	90
37) 1-Methylnaphthalene	12.616	142	1003544	60.639 ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.769	216	566286	63.261 ng/ul#	92
40) Hexachlorocyclopentadiene	12.751	237	335213	66.448 ng/ul	95
41) 2,4,6-Trichlorophenol	13.004	196	367099	63.382 ng/ul#	82
42) 2,4,5-Trichlorophenol	13.075	196	401864	63.770 ng/ul#	86
43) 1,1'-Biphenyl	13.404	154	1361083	63.691 ng/ul	93
44) 2-Chloronaphthalene	13.446	162	1044460	63.156 ng/ul	94
45) 2-Nitroaniline	13.646	65	347892	64.875 ng/ul#	81
47) Dimethylphthalate	14.022	163	1382441	63.112 ng/ul#	92
48) 2,6-Dinitrotoluene	14.140	165	292199	65.002 ng/ul	93
50) Acenaphthylene	14.287	152	1709264	63.259 ng/ul	95
51) 3-Nitroaniline	14.469	138	259377	63.695 ng/ul#	82
52) Acenaphthene	14.634	153	1102684	62.762 ng/ul	98
53) 2,4-Dinitrophenol	14.675	184	151723	60.400 ng/ul#	78
55) 4-Nitrophenol	14.775	109	197875	54.890 ng/ul#	42
56) Dibenzofuran	14.969	168	1611894	61.957 ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	417550	63.582 ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.192	232	351175	62.692 ng/ul#	87
59) Diethylphthalate	15.387	149	1435754	64.441 ng/ul	93
61) Fluorene	15.616	166	1323304	61.951 ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.610	204	692219	61.576 ng/ul	98
63) 4-Nitroaniline	15.634	138	269542	68.024 ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.692	198	246189	65.949 ng/ul#	91
67) N-Nitrosodiphenylamine	15.822	169	1157581	65.931 ng/ul	95
68) 4-Bromophenyl-phenylether	16.504	248	425333	65.165 ng/ul	97
69) Hexachlorobenzene	16.628	284	482301	63.662 ng/ul#	89
70) Atrazine	16.781	200	449336	62.950 ng/ul#	89
71) Pentachlorophenol	16.969	266	286688	59.420 ng/ul#	83
72) Phenanthrene	17.363	178	2106738	63.343 ng/ul	98
74) Anthracene	17.457	178	2122587	63.362 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	605347	67.763 ng/uL#	88
76) Pentachlorobenzene	14.893	250	562871	64.254 ng/uL	90
77) Carbazole	17.722	167	1813625	61.180 ng/ul#	95
78) Di-n-butylphthalate	18.275	149	2461442	67.491 ng/ul#	93
80) Fluoranthene	19.328	202	2458855	73.412 ng/ul	96
82) Pyrene	19.680	202	2463487	71.389 ng/ul	95
83) Butylbenzylphthalate	20.545	149	1031290	72.300 ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.316	252	622979	66.308 ng/ul#	96
85) Benzo(a)anthracene	21.386	228	2149176	64.857 ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.310	149	1460277	69.074 ng/ul#	82
87) Chrysene	21.445	228	2110757	64.690 ng/ul	99
89) Di-n-octyl phthalate	22.251	149	2290570	74.264 ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1891958	70.932 ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	1741345	68.922 ng/ul#	97
93) Benzo(a)pyrene	23.751	252	1688988	68.477 ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.421	276	1583154	64.522 ng/ul#	94
95) Dibenzo(a,h)anthracene	26.433	278	1319343	62.840 ng/ul#	95
96) Benzo(g,h,i)perylene	27.198	276	1312661	63.402 ng/ul#	90

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

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