Quantitation Report (Qedit)

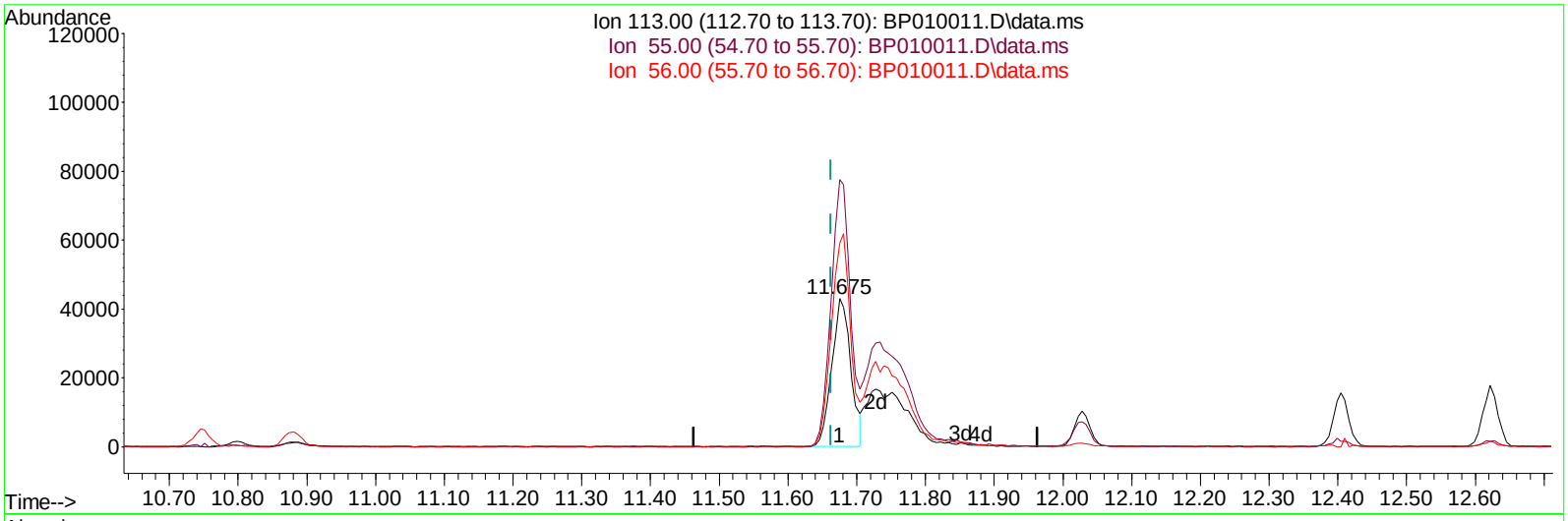
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
Data File : BP010011.D
Acq On : 21 Apr 2022 12:45
Operator : CG/JU
Sample : SSTD04026
Misc :
ALS Vial : 6 Sample Multiplier: 1

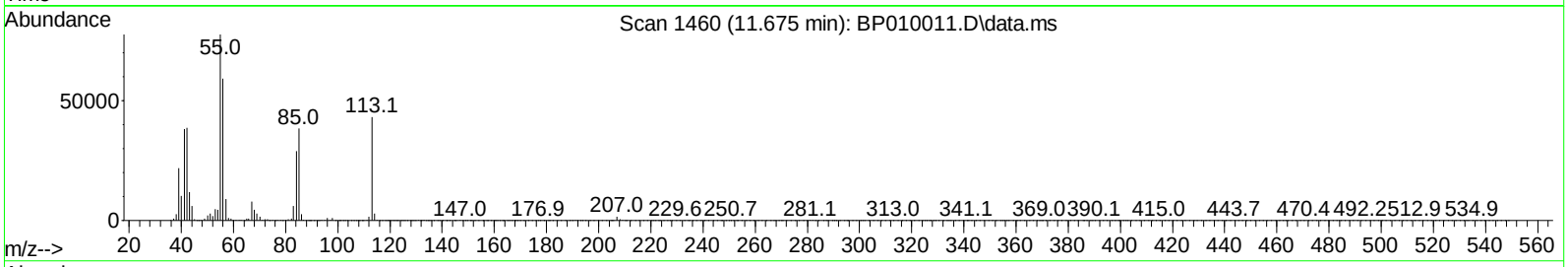
Quant Time: Apr 21 14:02:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 13:57:49 2022
Response via : Initial Calibration

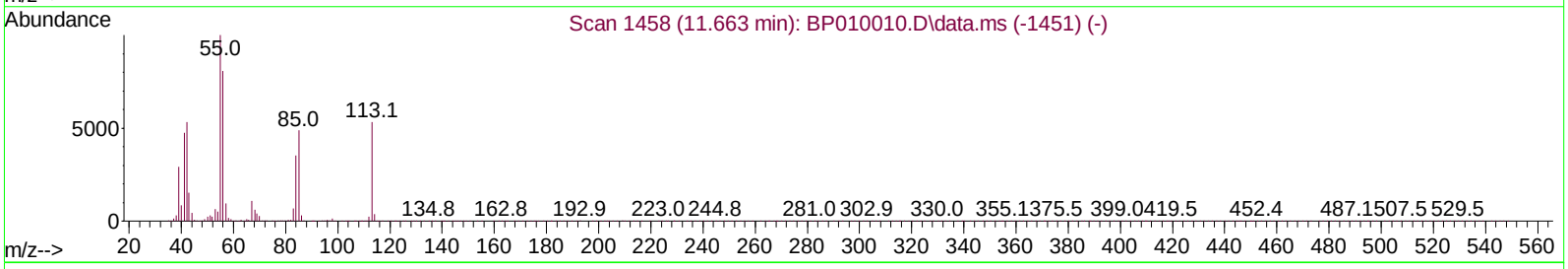
Instrument :
BNA_P
ClientSampleId :
SSTD040626

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022







TIC: BP010011.D\data.ms

(34) Caprolactam

11.675min (+ 0.012) 24.31 ng/ul

response 82364

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	180.35#
56.00	85.80	137.61#
0.00	0.00	0.00

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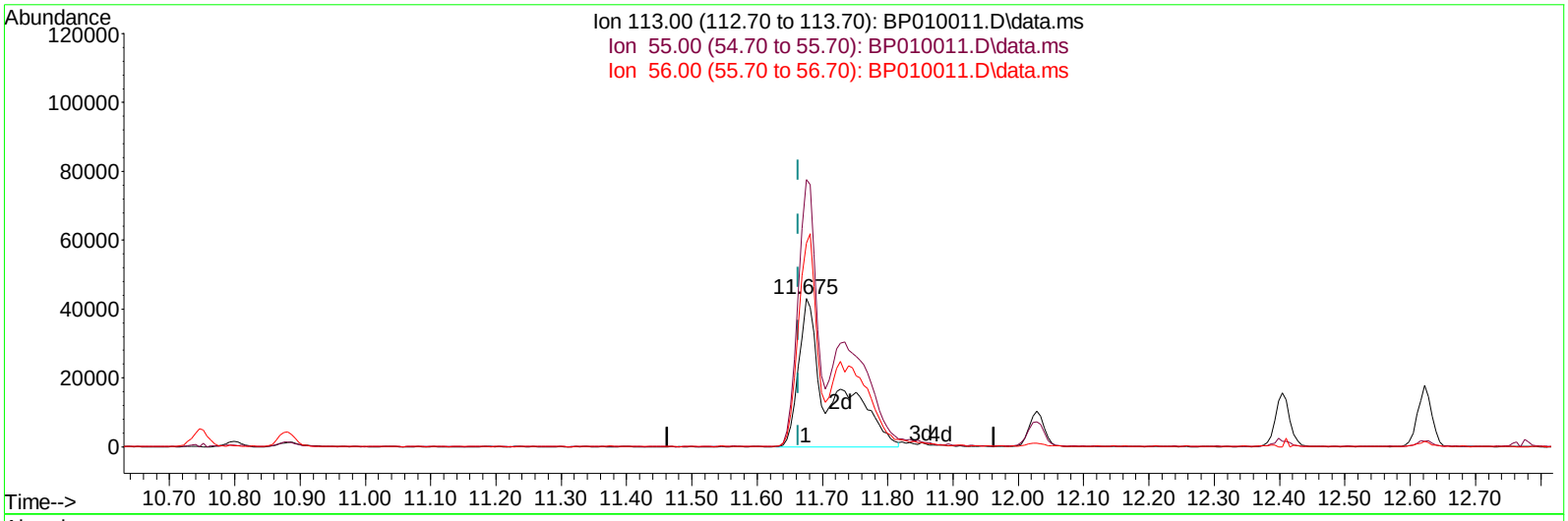

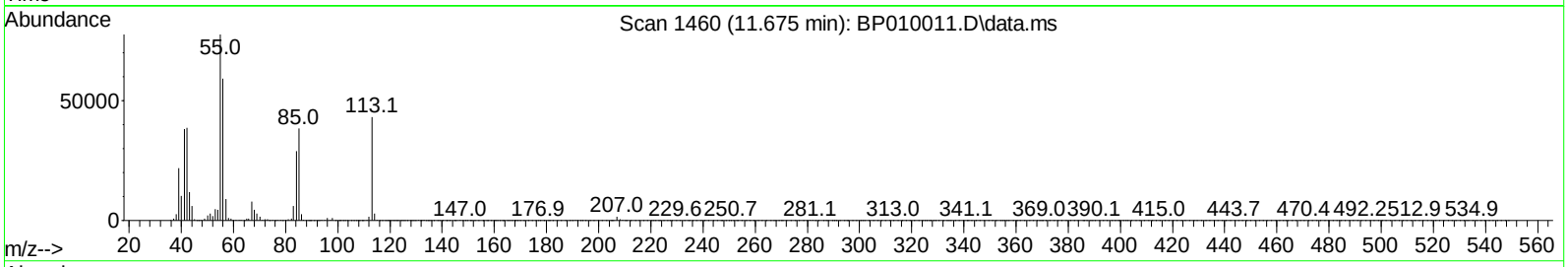

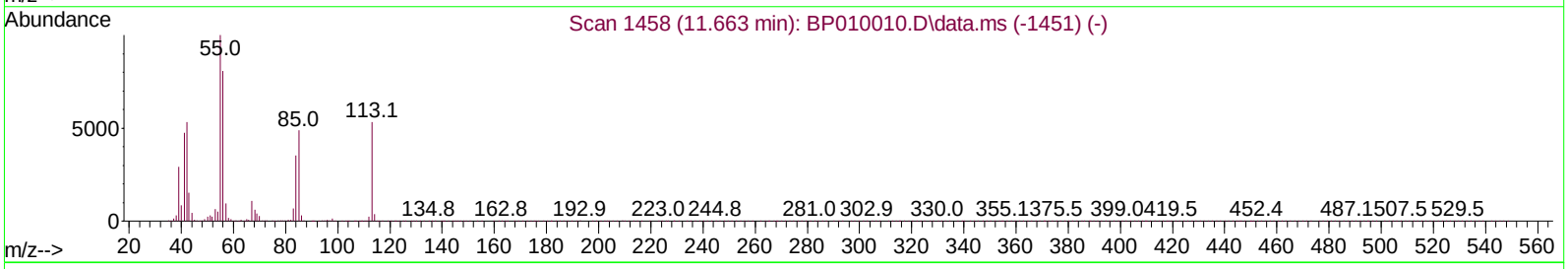

TIC: BP010011.D\data.ms

(34) Caprolactam

11.675min (+ 0.012) 44.65 ng/ul m

response 151302

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	180.35#
56.00	85.80	137.61#
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	7.940	152	141370	20.000	ng/ul		0.00
20) Naphthalene-d8	10.746	136	638869	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.575	164	453340	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.328	188	1021090	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.410	240	1084096	20.000	ng/ul	#	0.00
88) Perylene-d12	23.863	264	1013382	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.369	96	51104	16.133	ng/uL		0.00
4) Pyridine-d5	3.781	84	360925	41.326	ng/ul		0.00
7) Phenol-d5	7.105	99	507386	40.881	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	301463	40.799	ng/ul		0.00
11) 2-Chlorophenol-d4	7.475	132	384303	41.049	ng/ul		0.00
15) 4-Methylphenol-d8	8.652	113	424621	40.983	ng/ul		0.00
21) Nitrobenzene-d5	9.099	128	207798	45.104	ng/ul		0.00
24) 2-Nitrophenol-d4	9.828	143	234161	46.360	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.369	165	439796	41.610	ng/ul		0.00
31) 4-Chloroaniline-d4	10.881	131	590574	39.231	ng/ul		0.00
46) Dimethylphthalate-d6	13.981	166	1413581	39.696	ng/ul		0.00
49) Acenaphthylene-d8	14.269	160	1737655	41.188	ng/ul		0.00
54) 4-Nitrophenol-d4	14.769	143	266367	41.245	ng/ul		0.00
60) Fluorene-d10	15.569	176	1197581	39.977	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	263104	43.496	ng/ul		0.00
73) Anthracene-d10	17.428	188	1966473	40.223	ng/ul		0.00
81) Pyrene-d10	19.657	212	2407777	40.666	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.704	264	2145790	40.661	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	50261	15.565	ng/uL	#	11
5) Pyridine	3.805	79	374865	41.138	ng/ul	#	45
6) Benzaldehyde	7.075	77	310323	40.769	ng/ul		98
8) Phenol	7.128	94	507906	40.883	ng/ul	#	93
10) Bis(2-Chloroethyl)ether	7.363	93	391721	40.479	ng/ul	#	80
12) 2-Chlorophenol	7.505	128	387957	41.103	ng/ul		95
13) 2-Methylphenol	8.387	108	393398	40.608	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	579726	40.527	ng/ul	#	85
16) Acetophenone	8.763	105	658060	40.312	ng/ul	#	79
17) N-Nitroso-di-n-propyla...	8.757	70	350069	41.364	ng/ul	#	74
18) 4-Methylphenol	8.716	108	436522	41.609	ng/ul		93
19) Hexachloroethane	9.028	117	160334	40.234	ng/ul	#	81
22) Nitrobenzene	9.146	77	504223	42.639	ng/ul	#	85
23) Isophorone	9.675	82	990496	40.648	ng/ul		97
25) 2-Nitrophenol	9.857	139	238889	44.344	ng/ul	#	86
26) 2,4-Dimethylphenol	9.922	107	513695	40.182	ng/ul	#	78
27) Bis(2-Chloroethoxy)met...	10.157	93	570025	39.844	ng/ul	#	97
29) 2,4-Dichlorophenol	10.393	162	419156	40.906	ng/ul	#	83
30) Naphthalene	10.799	128	1322501	40.250	ng/ul		97
32) 4-Chloroaniline	10.904	127	583949	39.199	ng/ul		98
33) Hexachlorobutadiene	11.093	225	286118	38.770	ng/ul		95
34) Caprolactam	11.675	113	151302m	44.649	ng/ul		
35) 4-Chloro-3-methylphenol	12.028	107	507716	40.892	ng/ul	#	71

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	960578	40.017 ng/ul	93
37) 1-Methylnaphthalene	12.622	142	968453	39.957 ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.775	216	557465	40.192 ng/ul#	94
40) Hexachlorocyclopentadiene	12.757	237	312595	32.477 ng/ul	96
41) 2,4,6-Trichlorophenol	13.010	196	370334	41.810 ng/ul#	81
42) 2,4,5-Trichlorophenol	13.081	196	409507	42.781 ng/ul#	86
43) 1,1'-Biphenyl	13.410	154	1333483	40.314 ng/ul	94
44) 2-Chloronaphthalene	13.451	162	1026560	40.375 ng/ul	93
45) 2-Nitroaniline	13.651	65	359599	48.260 ng/ul#	80
47) Dimethylphthalate	14.028	163	1366945	39.883 ng/ul#	92
48) 2,6-Dinitrotoluene	14.145	165	296980	47.107 ng/ul	95
50) Acenaphthylene	14.298	152	1696397	40.745 ng/ul	95
51) 3-Nitroaniline	14.475	138	298679	45.572 ng/ul#	79
52) Acenaphthene	14.639	153	1092772	40.087 ng/ul	97
53) 2,4-Dinitrophenol	14.681	184	161191	42.300 ng/ul#	81
55) 4-Nitrophenol	14.787	109	235638	39.637 ng/ul#	50
56) Dibenzofuran	14.975	168	1604857	40.001 ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	429742	46.422 ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.198	232	361095	41.373 ng/ul#	86
59) Diethylphthalate	15.398	149	1400080	39.471 ng/ul	94
61) Fluorene	15.622	166	1321507	39.990 ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.616	204	694290	39.513 ng/ul	97
63) 4-Nitroaniline	15.639	138	311615	47.470 ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.698	198	253663	42.188 ng/ul#	88
67) N-Nitrosodiphenylamine	15.828	169	1159388	39.665 ng/ul	94
68) 4-Bromophenyl-phenylether	16.516	248	431227	39.015 ng/ul	94
69) Hexachlorobenzene	16.633	284	497925	39.178 ng/ul#	89
70) Atrazine	16.786	200	475677	39.427 ng/ul	92
71) Pentachlorophenol	16.975	266	320174	37.218 ng/ul#	84
72) Phenanthrene	17.369	178	2192496	40.226 ng/ul	98
74) Anthracene	17.463	178	2223790	40.243 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	590996	40.033 ng/uL#	87
76) Pentachlorobenzene	14.898	250	573569	39.860 ng/uL	89
77) Carbazole	17.728	167	1987227	39.794 ng/ul#	96
78) Di-n-butylphthalate	18.280	149	2480765	40.397 ng/ul#	93
80) Fluoranthene	19.333	202	2741759	40.231 ng/ul#	95
82) Pyrene	19.686	202	2793712	40.432 ng/ul#	93
83) Butylbenzylphthalate	20.551	149	1199303	42.310 ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.321	252	911587	39.460 ng/ul#	97
85) Benzo(a)anthracene	21.392	228	2752310	40.048 ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.316	149	1763599	41.364 ng/ul#	82
87) Chrysene	21.445	228	2687357	40.528 ng/ul	98
89) Di-n-octyl phthalate	22.257	149	3072460	43.274 ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	2742520	40.733 ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	2576153	41.931 ng/ul#	98
93) Benzo(a)pyrene	23.757	252	2554729	40.934 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.439	276	2622085	40.177 ng/ul#	93
95) Dibenzo(a,h)anthracene	26.451	278	2255675	39.860 ng/ul#	96
96) Benzo(g,h,i)perylene	27.221	276	2183425	40.575 ng/ul	93

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

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