Quantitation Report (Qedit)

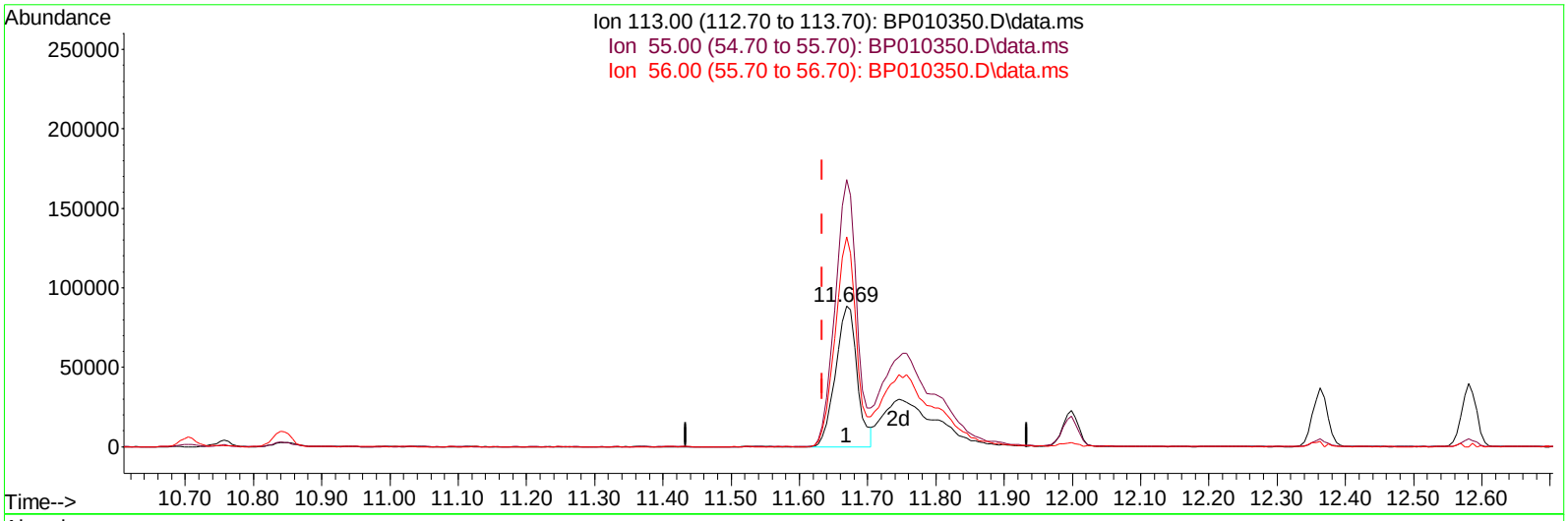
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051322\
Data File : BP010350.D
Acq On : 13 May 2022 13:16
Operator : CG/JU
Sample : SSTD08042
Misc :
ALS Vial : 6 Sample Multiplier: 1

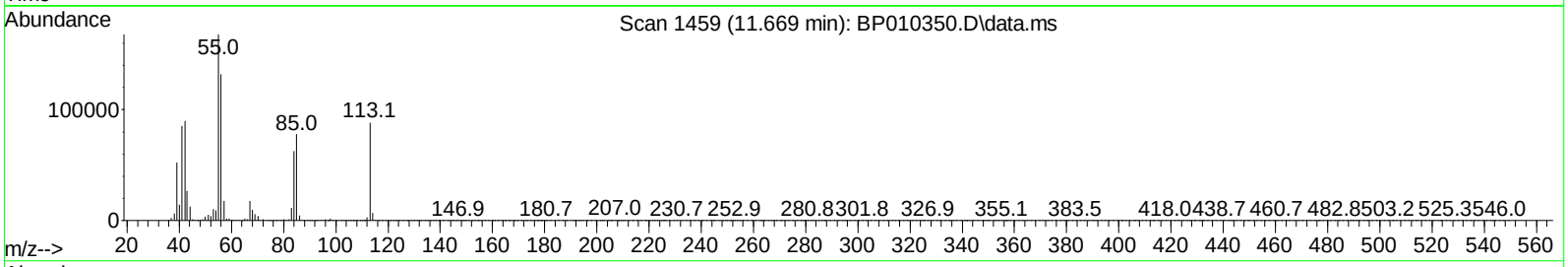
Quant Time: May 13 14:25:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 13:33:22 2022
Response via : Initial Calibration

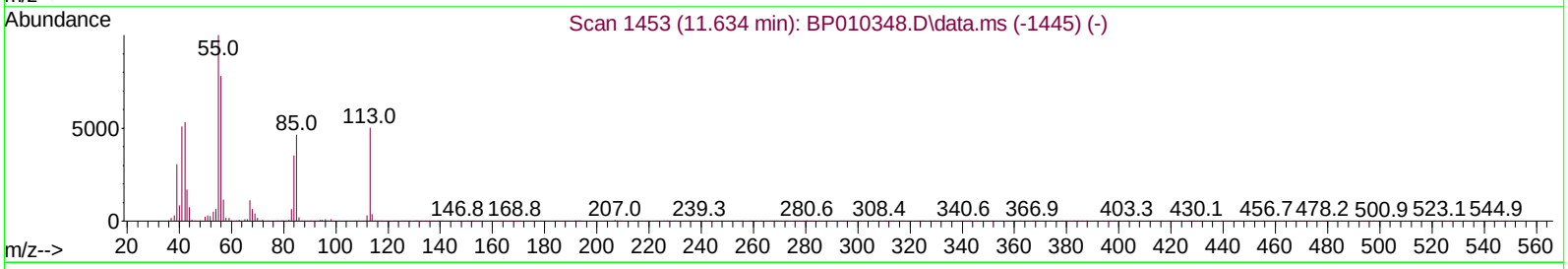
Instrument :
BNA_P
ClientSampleId :
SSTD080642

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022







TIC: BP010350.D\data.ms

(34) Caprolactam

11.669min (+ 0.035) 42.87 ng/ul

response 193442

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	190.04#
56.00	85.80	149.41#
0.00	0.00	0.00

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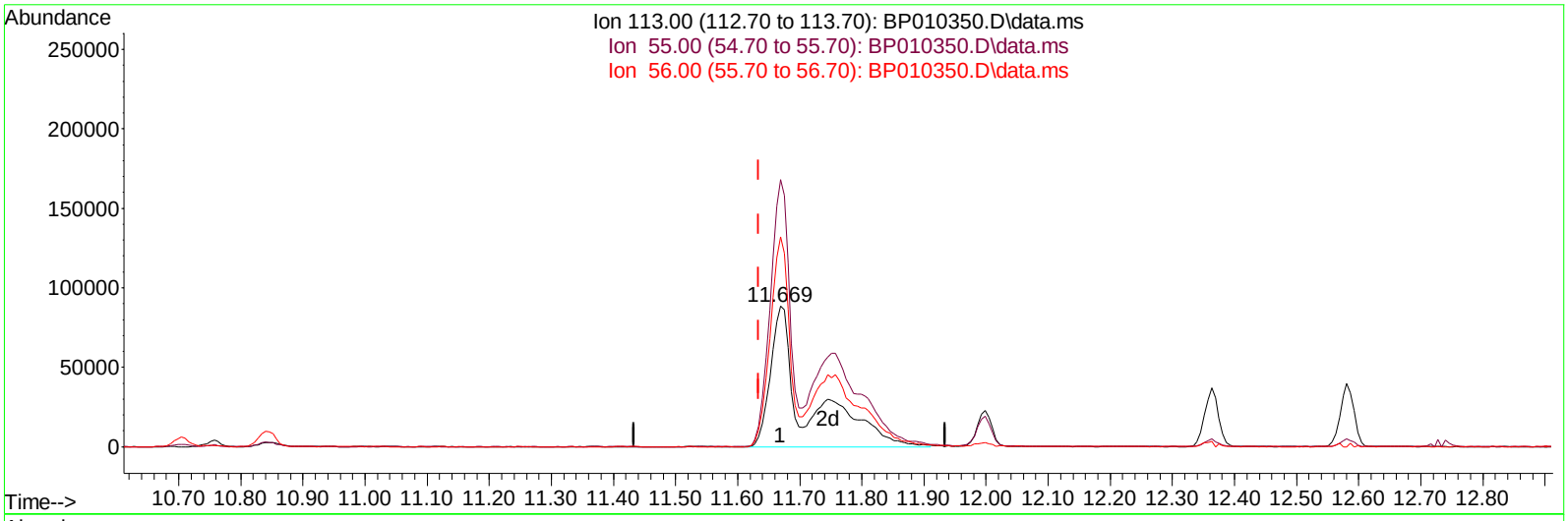

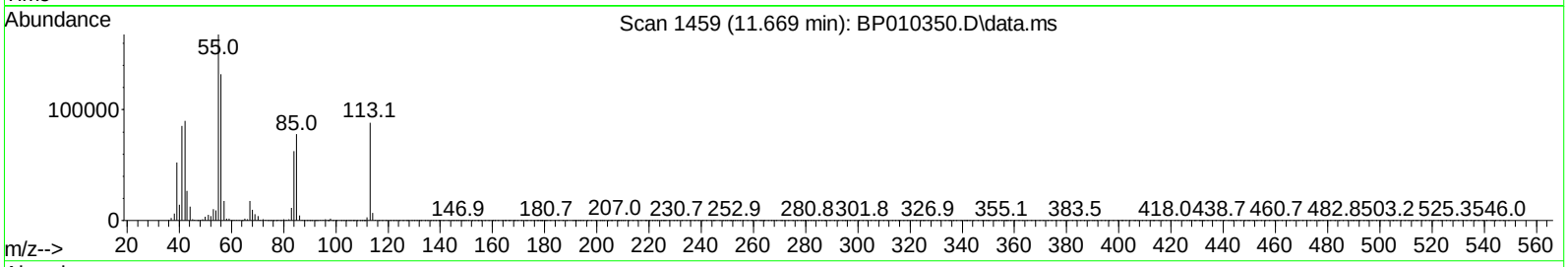

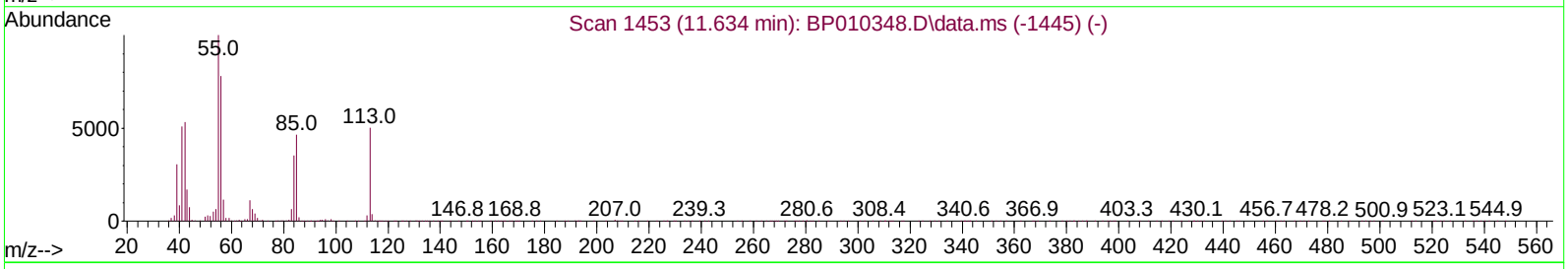

TIC: BP010350.D\data.ms

(34) Caprolactam

11.669min (+ 0.035) 79.36 ng/ul m

response 358116

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	190.04#
56.00	85.80	149.41#
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	7.899	152	171323	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.704	136	728651	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	495067	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1079972	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.369	240	1081761	20.000	ng/ul	# 0.00
88) Perylene-d12	23.798	264	994558	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	132413	32.833	ng/uL	0.00
4) Pyridine-d5	3.758	84	970836	86.508	ng/ul	0.00
7) Phenol-d5	7.069	99	1233942	77.547	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	789622	80.216	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	969339	82.715	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	1022025	78.124	ng/ul	0.01
21) Nitrobenzene-d5	9.063	128	501726	85.876	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	562570	84.453	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	1001390	82.593	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	1414944	79.050	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	3053182	77.413	ng/ul	0.01
49) Acenaphthylene-d8	14.228	160	3603002	76.622	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	584234	77.226	ng/ul	0.02
60) Fluorene-d10	15.534	176	2630350	79.008	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.657	200	585281	79.139	ng/ul	0.01
73) Anthracene-d10	17.392	188	4080338	77.153	ng/ul	0.01
81) Pyrene-d10	19.622	212	4883974	81.700	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.651	264	4431609	83.552	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	138507	33.600	ng/uL#	14
5) Pyridine	3.781	79	993416	84.456	ng/ul#	41
6) Benzaldehyde	7.040	77	611262	69.514	ng/ul	95
8) Phenol	7.099	94	1301341	81.119	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.328	93	999291	79.602	ng/ul#	74
12) 2-Chlorophenol	7.469	128	989530	84.076	ng/ul	95
13) 2-Methylphenol	8.352	108	990374	81.336	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.440	45	1594290	80.738	ng/ul#	83
16) Acetophenone	8.734	105	1589644	77.740	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.734	70	851458	79.709	ng/ul#	71
18) 4-Methylphenol	8.687	108	1069938	80.311	ng/ul	94
19) Hexachloroethane	8.981	117	410135	81.732	ng/ul#	78
22) Nitrobenzene	9.110	77	1254008	84.555	ng/ul#	85
23) Isophorone	9.646	82	2388624	82.236	ng/ul#	97
25) 2-Nitrophenol	9.822	139	593319	86.703	ng/ul#	84
26) 2,4-Dimethylphenol	9.887	107	1224572	83.808	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.116	93	1371759	80.475	ng/ul#	97
29) 2,4-Dichlorophenol	10.357	162	999511	84.392	ng/ul#	84
30) Naphthalene	10.757	128	3174001	81.638	ng/ul	97
32) 4-Chloroaniline	10.869	127	1399589	78.354	ng/ul	97
33) Hexachlorobutadiene	11.046	225	674094	83.109	ng/ul	95
34) Caprolactam	11.669	113	358116m	79.361	ng/ul	
35) 4-Chloro-3-methylphenol	11.998	107	1181081	82.873	ng/ul#	70

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.363	142	2245107	81.558	ng/ul	93
37) 1-Methylnaphthalene	12.581	142	2249000	80.370	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.734	216	1263370	83.012	ng/ul	94
40) Hexachlorocyclopentadiene	12.716	237	770353	90.802	ng/ul	95
41) 2,4,6-Trichlorophenol	12.975	196	844174	84.578	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.045	196	929230	85.426	ng/ul#	88
43) 1,1'-Biphenyl	13.369	154	3006176	81.286	ng/ul#	92
44) 2-Chloronaphthalene	13.416	162	2344253	81.838	ng/ul	93
45) 2-Nitroaniline	13.616	65	860571	88.744	ng/ul#	78
47) Dimethylphthalate	13.998	163	2987974	78.082	ng/ul#	93
48) 2,6-Dinitrotoluene	14.116	165	677370	86.752	ng/ul	94
50) Acenaphthylene	14.257	152	3810735	81.009	ng/ul	96
51) 3-Nitroaniline	14.445	138	621340	90.954	ng/ul#	81
52) Acenaphthene	14.598	153	2446393	80.337	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	417886	81.790	ng/ul#	77
55) 4-Nitrophenol	14.763	109	508293	79.221	ng/ul#	40
56) Dibenzofuran	14.934	168	3534539	79.323	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	958131	83.872	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.163	232	801661	83.032	ng/ul#	85
59) Diethylphthalate	15.363	149	3075079	77.844	ng/ul	94
61) Fluorene	15.586	166	2908734	78.812	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.581	204	1490796	78.136	ng/ul	99
63) 4-Nitroaniline	15.616	138	602827	89.301	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.675	198	573457	79.594	ng/ul#	90
67) N-Nitrosodiphenylamine	15.792	169	2536637	79.903	ng/ul	94
68) 4-Bromophenyl-phenylether	16.475	248	947316	83.040	ng/ul	94
69) Hexachlorobenzene	16.598	284	1064600	80.687	ng/ul#	90
70) Atrazine	16.757	200	1024563	79.884	ng/ul#	90
71) Pentachlorophenol	16.939	266	721066	82.333	ng/ul#	83
72) Phenanthrene	17.333	178	4720384	79.275	ng/ul	98
74) Anthracene	17.428	178	4758214	78.790	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.340	216	1344512	85.087	ng/uL#	86
76) Pentachlorobenzene	14.863	250	1242474	82.239	ng/uL	90
77) Carbazole	17.692	167	4266814	78.306	ng/ul#	95
78) Di-n-butylphthalate	18.239	149	5421160	78.721	ng/ul#	94
80) Fluoranthene	19.292	202	5729577	84.297	ng/ul	97
82) Pyrene	19.651	202	5770799	82.026	ng/ul	96
83) Butylbenzylphthalate	20.516	149	2589427	86.424	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.286	252	1864502	80.642	ng/ul#	97
85) Benzo(a)anthracene	21.357	228	5681813	80.345	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.274	149	3763080	83.246	ng/ul#	82
87) Chrysene	21.410	228	5529203	78.890	ng/ul	98
89) Di-n-octyl phthalate	22.210	149	6507454	97.199	ng/ul	100
90) Benzo(b)fluoranthene	23.063	252	5794530	88.711	ng/ul	99
91) Benzo(k)fluoranthene	23.115	252	5408335	87.753	ng/ul#	98
93) Benzo(a)pyrene	23.704	252	5352545	84.592	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.351	276	5222818	74.673	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.368	278	4552249	76.128	ng/ul#	94
96) Benzo(g,h,i)perylene	27.127	276	4287720	72.586	ng/ul#	91

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

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