Quantitation Report (Qedit)

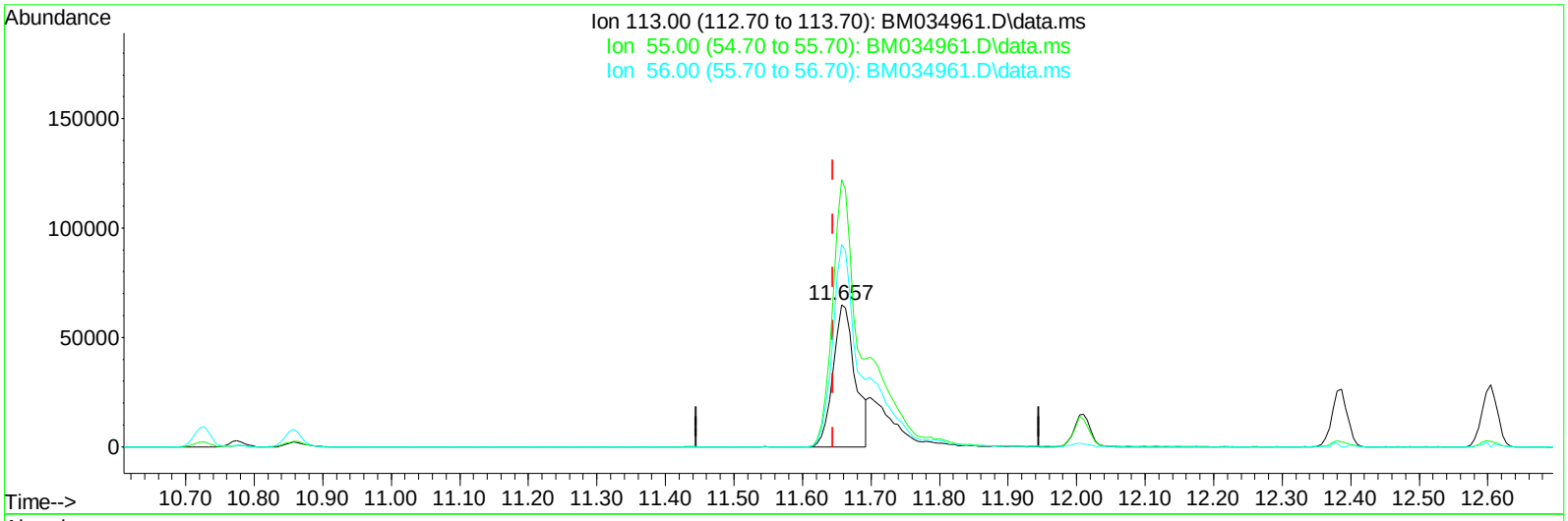
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051022\
Data File : BM034961.D
Acq On : 10 May 2022 13:05
Operator : CG/JU
Sample : SSTD04035
Misc :
ALS Vial : 5 Sample Multiplier: 1

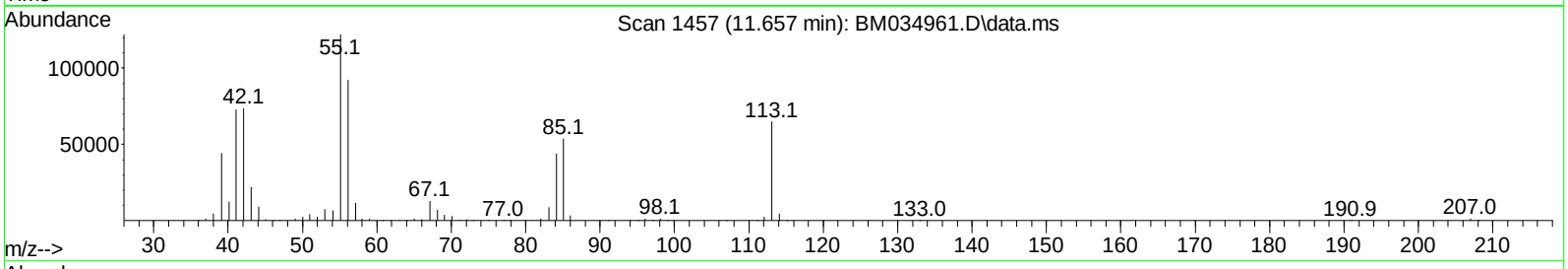
Quant Time: May 10 16:08:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:06:09 2022
Response via : Initial Calibration

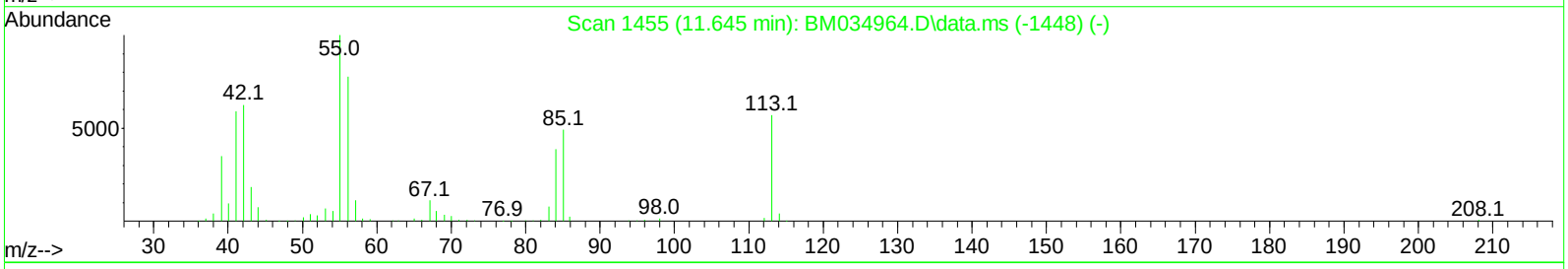
Instrument :
BNA_M
ClientSampleId :
SSTD040035

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/11/2022
Supervised By :mohammad ahmed 05/12/2022







TIC: BM034961.D\data.ms

(34) Caprolactam

11.657min (+ 0.012) 33.17 ng/ul

response 145102

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	188.05
56.00	130.40	142.42
0.00	0.00	0.00

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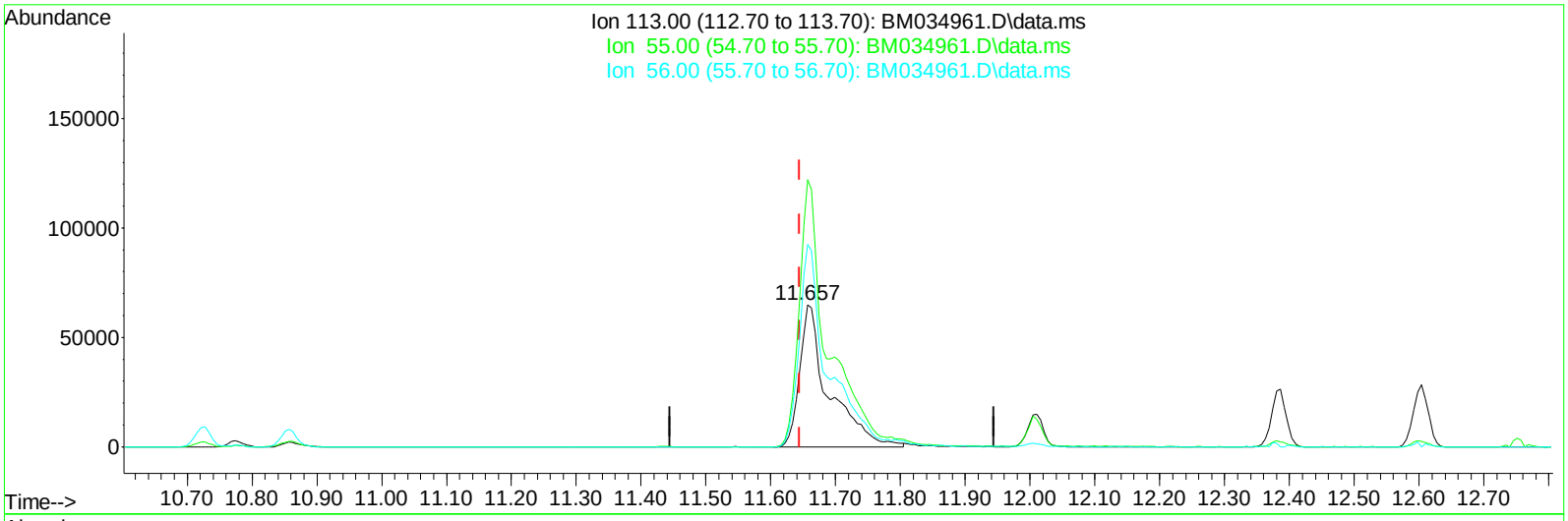

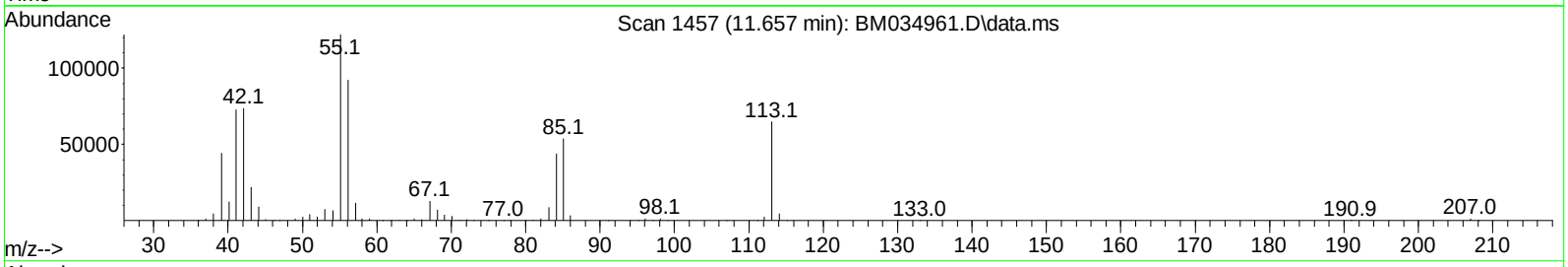

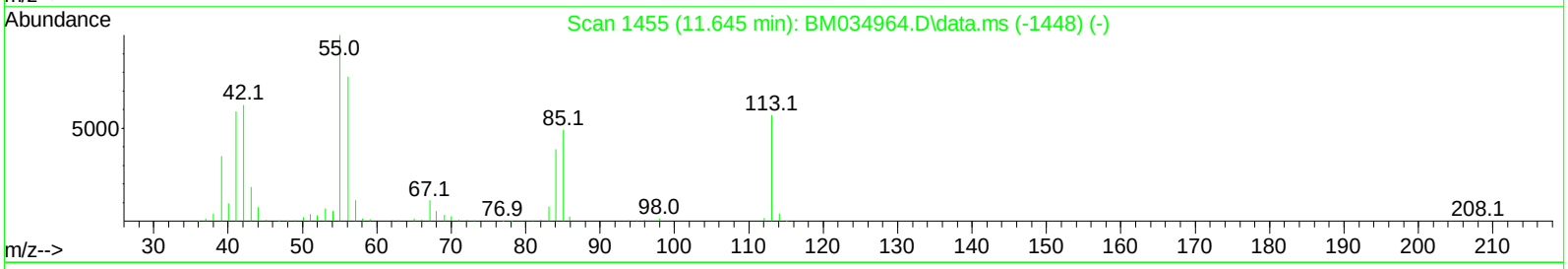

TIC: BM034961.D\data.ms

(34) Caprolactam

11.657min (+ 0.012) 46.48 ng/ul m

response 203348

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	188.05
56.00	130.40	142.42
0.00	0.00	0.00

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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	257405	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	1126011	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	672843	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1219477	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	888300	20.000	ng/ul	0.00
88) Perylene-d12	23.856	264	819194	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	91855	15.680	ng/uL	0.00
4) Pyridine-d5	3.775	84	661076	45.462	ng/ul	0.00
7) Phenol-d5	7.087	99	875269	45.020	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	553771	50.791	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	710463	43.178	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	721121	46.358	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	354186	43.060	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	395978	46.366	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	714838	39.736	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	967695	39.782	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	1997262	40.775	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	2598587	41.251	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	345865	42.062	ng/ul	0.00
60) Fluorene-d10	15.545	176	1658069	39.120	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	302588	43.249	ng/ul	0.00
73) Anthracene-d10	17.398	188	2374382	39.985	ng/ul	0.00
81) Pyrene-d10	19.680	212	2248322	46.505	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.709	264	1734230	41.857	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	94833	16.564	ng/uL	92
5) Pyridine	3.793	79	696194	45.642	ng/ul	95
6) Benzaldehyde	7.057	77	536821	52.253	ng/ul	96
8) Phenol	7.110	94	871284	45.540	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.345	93	690484	46.759	ng/ul	96
12) 2-Chlorophenol	7.487	128	709122	42.578	ng/ul	96
13) 2-Methylphenol	8.363	108	665619	45.886	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.463	45	1152683	58.012	ng/ul	99
16) Acetophenone	8.745	105	1111389	46.634	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.745	70	608281	53.210	ng/ul	94
18) 4-Methylphenol	8.698	108	727244	46.341	ng/ul	99
19) Hexachloroethane	9.010	117	302105	43.295	ng/ul	91
22) Nitrobenzene	9.122	77	855545	46.072	ng/ul	97
23) Isophorone	9.657	82	1612643	47.363	ng/ul	97
25) 2-Nitrophenol	9.839	139	414135	44.162	ng/ul	89
26) 2,4-Dimethylphenol	9.898	107	835763	42.347	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.139	93	968786	45.392	ng/ul	99
29) 2,4-Dichlorophenol	10.375	162	683916	38.974	ng/ul	98
30) Naphthalene	10.775	128	2304413	40.049	ng/ul	99
32) 4-Chloroaniline	10.881	127	969068	40.133	ng/ul	99
33) Hexachlorobutadiene	11.069	225	426302	33.622	ng/ul	98
34) Caprolactam	11.657	113	203348m	46.481	ng/ul	
35) 4-Chloro-3-methylphenol	12.010	107	745711	44.849	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.386	142	1601286	40.156	ng/ul	100
37) 1-Methylnaphthalene	12.604	142	1602273	39.929	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.757	216	792465	36.989	ng/ul	98
40) Hexachlorocyclopentadiene	12.739	237	515849	33.259	ng/ul	97
41) 2,4,6-Trichlorophenol	12.992	196	524376	40.692	ng/ul	98
42) 2,4,5-Trichlorophenol	13.063	196	564722	40.961	ng/ul	99
43) 1,1'-Biphenyl	13.392	154	2115142	40.670	ng/ul#	98
44) 2-Chloronaphthalene	13.433	162	1609186	39.730	ng/ul	96
45) 2-Nitroaniline	13.633	65	505375	57.874	ng/ul	92
47) Dimethylphthalate	14.016	163	1967355	41.025	ng/ul	99
48) 2,6-Dinitrotoluene	14.127	165	405009	46.856	ng/ul	91
50) Acenaphthylene	14.274	152	2580062	41.070	ng/ul	98
51) 3-Nitroaniline	14.451	138	405967	52.877	ng/ul	87
52) Acenaphthene	14.621	153	1692345	40.877	ng/ul	100
53) 2,4-Dinitrophenol	14.657	184	219257	43.532	ng/ul#	88
55) 4-Nitrophenol	14.763	109	303512	46.511	ng/ul	93
56) Dibenzofuran	14.951	168	2293608	38.941	ng/ul	94
57) 2,4-Dinitrotoluene	14.916	165	561281	46.237	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.180	232	429015	39.116	ng/ul	99
59) Diethylphthalate	15.380	149	2014050	42.842	ng/ul	99
61) Fluorene	15.604	166	1891207	39.890	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.598	204	926097	37.981	ng/ul	98
63) 4-Nitroaniline	15.616	138	381497	56.641	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.680	198	297072	42.331	ng/ul#	98
67) N-Nitrosodiphenylamine	15.810	169	1589704	42.380	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	512136	38.199	ng/ul#	91
69) Hexachlorobenzene	16.610	284	569013	37.144	ng/ul	98
70) Atrazine	16.762	200	544811	39.491	ng/ul	99
71) Pentachlorophenol	16.945	266	344884	34.671	ng/ul	98
72) Phenanthrene	17.339	178	2679516	39.959	ng/ul	99
74) Anthracene	17.427	178	2752524	40.369	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	805930	39.252	ng/uL	98
76) Pentachlorobenzene	14.880	250	717576	37.914	ng/uL	100
77) Carbazole	17.698	167	2373978	39.844	ng/ul	98
78) Di-n-butylphthalate	18.268	149	3107860	45.697	ng/ul	99
80) Fluoranthene	19.351	202	2732483	48.340	ng/ul	96
82) Pyrene	19.715	202	2739396	47.055	ng/ul	97
83) Butylbenzylphthalate	20.615	149	1180652	57.863	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	721672	39.601	ng/ul	99
85) Benzo(a)anthracene	21.456	228	2312411	41.867	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.397	149	1749012	54.065	ng/ul	100
87) Chrysene	21.509	228	2209083	40.676	ng/ul	99
89) Di-n-octyl phthalate	22.321	149	2770704	59.666	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2142427	42.788	ng/ul	98
91) Benzo(k)fluoranthene	23.186	252	2114213	44.476	ng/ul	99
93) Benzo(a)pyrene	23.756	252	2103056	41.899	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.332	276	2419541	39.942	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.350	278	2084770	39.801	ng/ul#	95
96) Benzo(g,h,i)perylene	27.091	276	2005742	39.159	ng/ul#	93

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

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