Quantitation Report (Qedit)

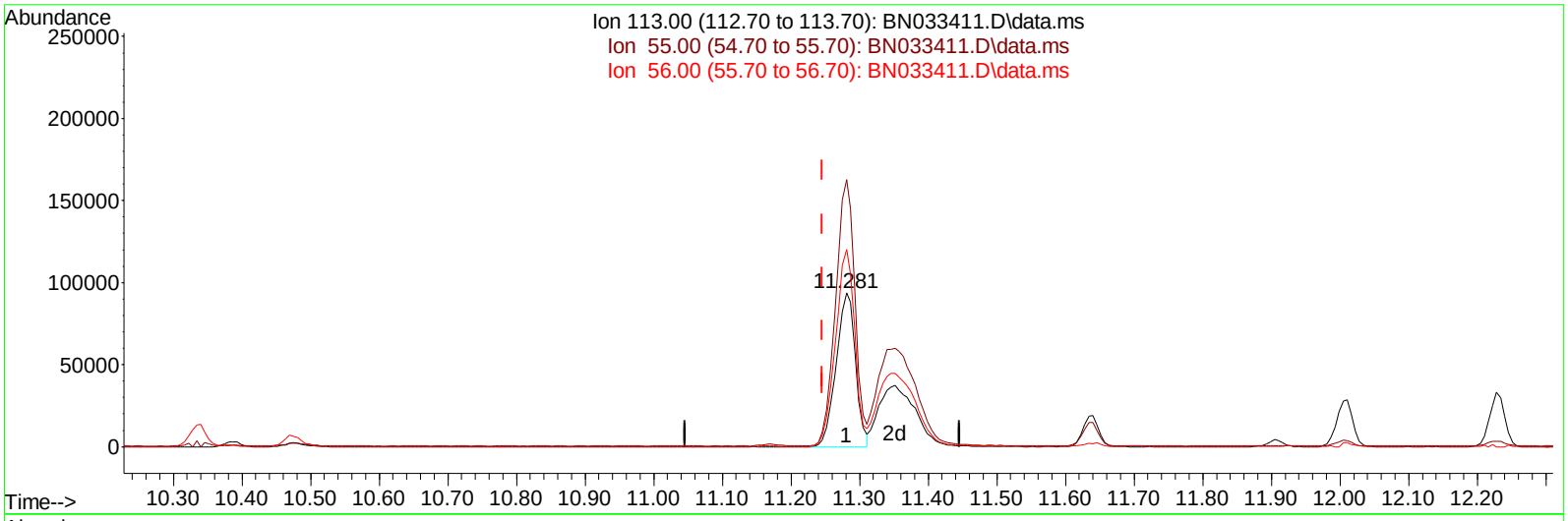
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081524\
Data File : BN033411.D
Acq On : 15 Aug 2024 22:50
Operator : MA/JU
Sample : PB162649BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

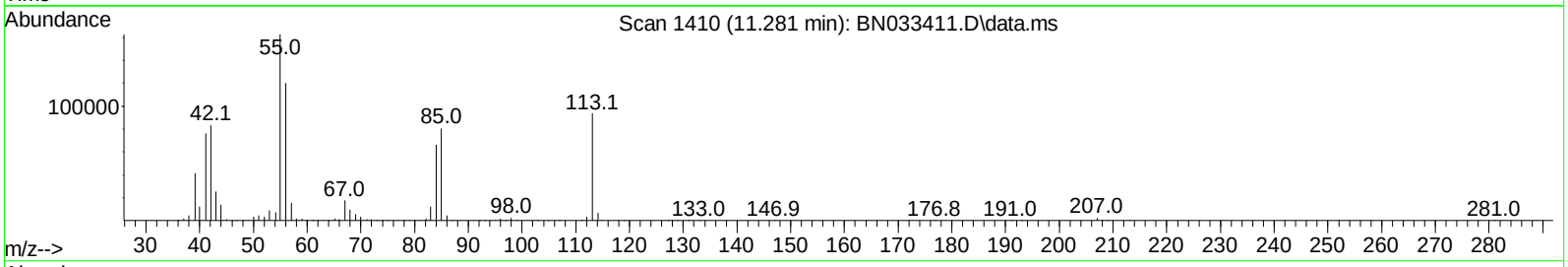
Quant Time: Aug 15 23:22:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 02:12:11 2024
Response via : Initial Calibration

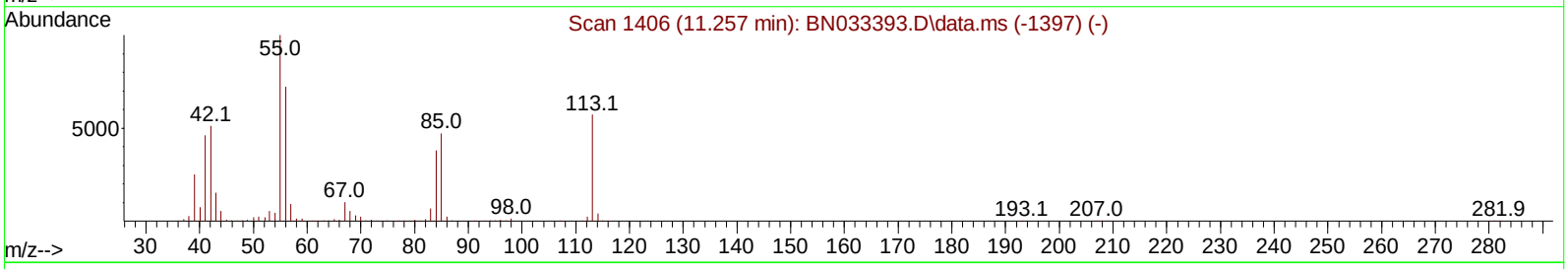
Instrument :
BNA_N
ClientSampleId :
SLCS649

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024







TIC: BN033411.D\data.ms

(34) Caprolactam

11.281min (+ 0.035) 15.06 ng/ul

response 182598

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.70	173.68
56.00	131.40	128.30
0.00	0.00	0.00

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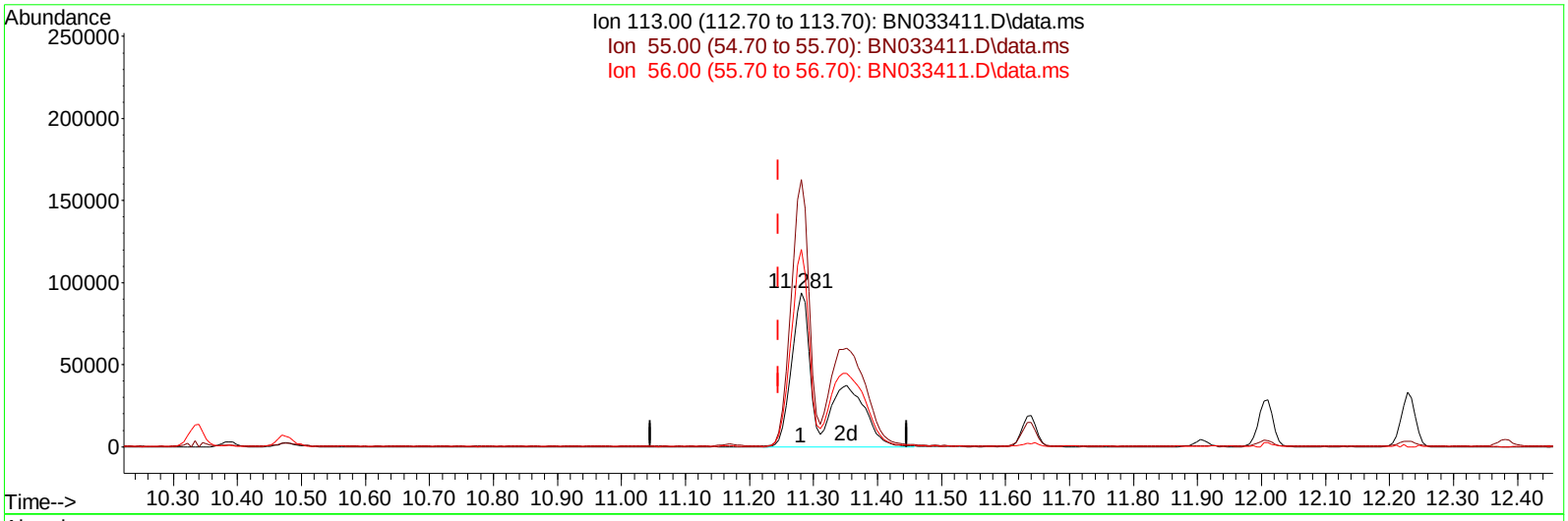

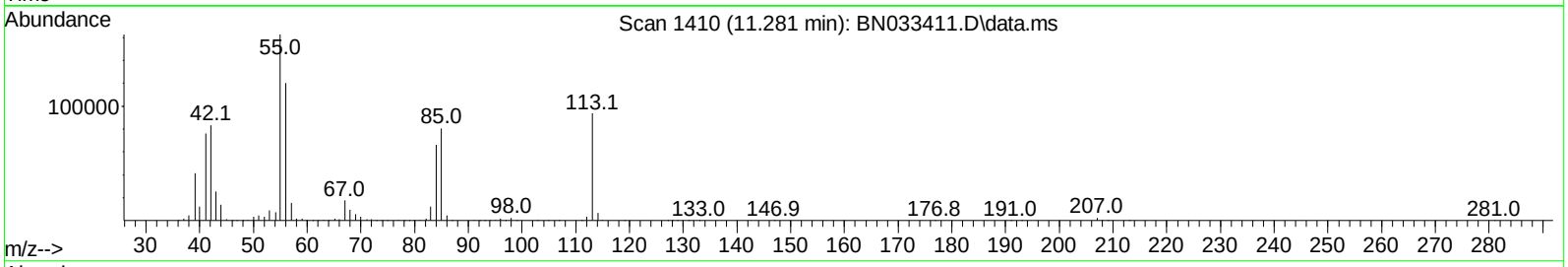

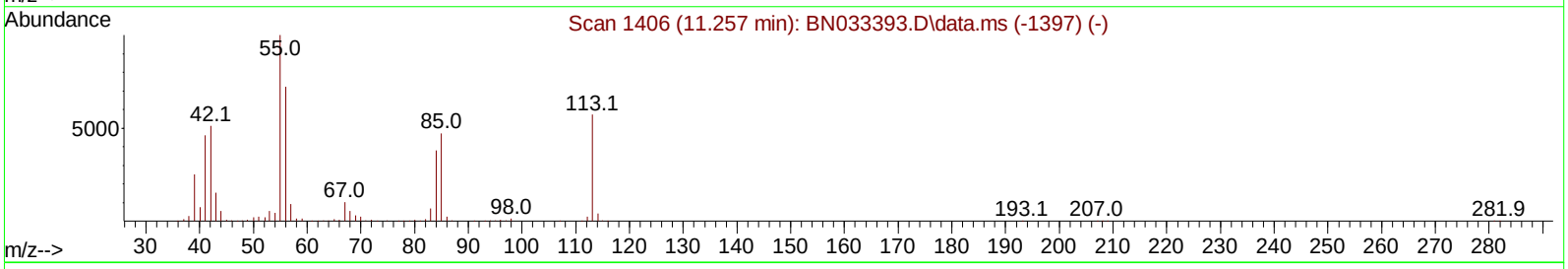

TIC: BN033411.D\data.ms

(34) Caprolactam

11.281min (+ 0.035) 26.48 ng/ul m

response 321002

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.70	173.68
56.00	131.40	128.30
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	7.569	152	436448	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	1966850	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.210	164	1275935	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	2552897	20.000	ng/ul	0.00
79) Chrysene-d12	21.192	240	1738971	20.000	ng/ul	0.00
88) Perylene-d12	24.021	264	1683635	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	54050	5.052	ng/uL	0.00
4) Pyridine-d5	3.546	84	694753	21.403	ng/ul	0.00
7) Phenol-d5	6.758	99	1130107	28.230	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.916	67	663949	25.866	ng/ul	0.00
11) 2-Chlorophenol-d4	7.111	132	890080	29.494	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	908403	27.442	ng/ul	0.00
21) Nitrobenzene-d5	8.710	128	460385	30.755	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	507436	38.497	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	904436	30.821	ng/ul	0.00
31) 4-Chloroaniline-d4	10.475	131	1123242	22.960	ng/ul	0.00
46) Dimethylphthalate-d6	13.634	166	2614932	26.930	ng/ul	0.00
49) Acenaphthylene-d8	13.898	160	3074423	28.279	ng/ul	0.00
54) 4-Nitrophenol-d4	14.428	143	545785	29.088	ng/ul	0.02
60) Fluorene-d10	15.210	176	2255247	27.081	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.334	200	450986	37.509	ng/ul	0.00
73) Anthracene-d10	17.057	188	3336358	27.565	ng/ul	0.00
81) Pyrene-d10	19.363	212	3468926	36.125	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	2561527	29.261	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	94366	8.407	ng/uL	95
5) Pyridine	3.564	79	716196	21.462	ng/ul	93
6) Benzaldehyde	6.722	77	502546	24.160	ng/ul	99
8) Phenol	6.781	94	1150954	27.361	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.011	93	881851	26.327	ng/ul	96
12) 2-Chlorophenol	7.140	128	909840	28.899	ng/ul	99
13) 2-Methylphenol	8.016	108	863128	27.122	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.099	45	1325950	24.385	ng/ul	96
16) Acetophenone	8.387	105	1360336	25.304	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.387	70	686110	24.975	ng/ul	96
18) 4-Methylphenol	8.346	108	947555	26.599	ng/ul	100
19) Hexachloroethane	8.634	117	366672	27.871	ng/ul	99
22) Nitrobenzene	8.752	77	1042685	27.701	ng/ul	100
23) Isophorone	9.287	82	1969068	25.779	ng/ul	100
25) 2-Nitrophenol	9.457	139	534217	34.730	ng/ul	95
26) 2,4-Dimethylphenol	9.534	107	749997	20.599	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.769	93	1249921	26.423	ng/ul	99
29) 2,4-Dichlorophenol	9.993	162	874492	28.813	ng/ul	99
30) Naphthalene	10.387	128	2920907	26.635	ng/ul	100
32) 4-Chloroaniline	10.499	127	998913	20.878	ng/ul	99
33) Hexachlorobutadiene	10.681	225	545782	28.769	ng/ul	99
34) Caprolactam	11.281	113	321002m	26.484	ng/ul	
35) 4-Chloro-3-methylphenol	11.640	107	994589	28.486	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.004	142	2013595	26.089	ng/ul	99
37) 1-Methylnaphthalene	12.228	142	2022874	25.931	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.381	216	1034518	28.318	ng/ul	94
40) Hexachlorocyclopentadiene	12.369	237	351454	17.361	ng/ul	99
41) 2,4,6-Trichlorophenol	12.628	196	627319	27.986	ng/ul	99
42) 2,4,5-Trichlorophenol	12.698	196	721938	28.599	ng/ul	100
43) 1,1'-Biphenyl	13.040	154	2634962	27.382	ng/ul	99
44) 2-Chloronaphthalene	13.075	162	2084701	27.946	ng/ul	99
45) 2-Nitroaniline	13.281	65	672008	31.354	ng/ul	96
47) Dimethylphthalate	13.681	163	2630613	26.987	ng/ul	99
48) 2,6-Dinitrotoluene	13.793	165	559812	31.600	ng/ul	97
50) Acenaphthylene	13.928	152	3374410	28.423	ng/ul	99
51) 3-Nitroaniline	14.116	138	601780	29.997	ng/ul	99
52) Acenaphthene	14.275	153	2225018	26.523	ng/ul	98
53) 2,4-Dinitrophenol	14.322	184	309433	35.358	ng/ul	95
55) 4-Nitrophenol	14.440	109	397304	27.037	ng/ul	95
56) Dibenzofuran	14.610	168	3101047	26.475	ng/ul	100
57) 2,4-Dinitrotoluene	14.581	165	827563	31.084	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.840	232	517816	25.241	ng/ul	96
59) Diethylphthalate	15.063	149	2701725	26.568	ng/ul	98
61) Fluorene	15.263	166	2488430	25.813	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.269	204	1225267	26.489	ng/ul	100
63) 4-Nitroaniline	15.292	138	650369	31.498	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.345	198	479945	35.321	ng/ul	99
67) N-Nitrosodiphenylamine	15.481	169	2183926	28.447	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	762082	29.246	ng/ul	97
69) Hexachlorobenzene	16.269	284	879420	29.477	ng/ul	91
70) Atrazine	16.439	200	47373	1.659	ng/ul	99
71) Pentachlorophenol	16.610	266	448464	23.895	ng/ul	99
72) Phenanthrene	17.004	178	3950535	27.675	ng/ul	98
74) Anthracene	17.092	178	3897118	26.798	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.998	216	1049774	30.500	ng/uL	93
76) Pentachlorobenzene	14.534	250	1002627	28.305	ng/uL	98
77) Carbazole	17.363	167	3639620	27.146	ng/ul	99
78) Di-n-butylphthalate	17.957	149	4844468	28.931	ng/ul	99
80) Fluoranthene	19.028	202	4242719	37.787	ng/ul	98
82) Pyrene	19.386	202	4127113	33.914	ng/ul	99
83) Butylbenzylphthalate	20.322	149	1967189	40.342	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.110	252	1080628	27.259	ng/ul	97
85) Benzo(a)anthracene	21.175	228	3538622	28.279	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.139	149	3002755	37.956	ng/ul	99
87) Chrysene	21.233	228	3276559	27.842	ng/ul	98
89) Di-n-octyl phthalate	22.227	149	4733452	43.652	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	3179005	30.372	ng/ul	96
91) Benzo(k)fluoranthene	23.192	252	3100282	29.835	ng/ul	97
93) Benzo(a)pyrene	23.892	252	2733139	27.554	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.174	276	3417163	27.759	ng/ul	97
95) Dibenzo(a,h)anthracene	27.239	278	2837152	28.143	ng/ul	99
96) Benzo(g,h,i)perylene	28.151	276	2749081	29.059	ng/ul	97

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

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