Quantitation Report (Qedit)

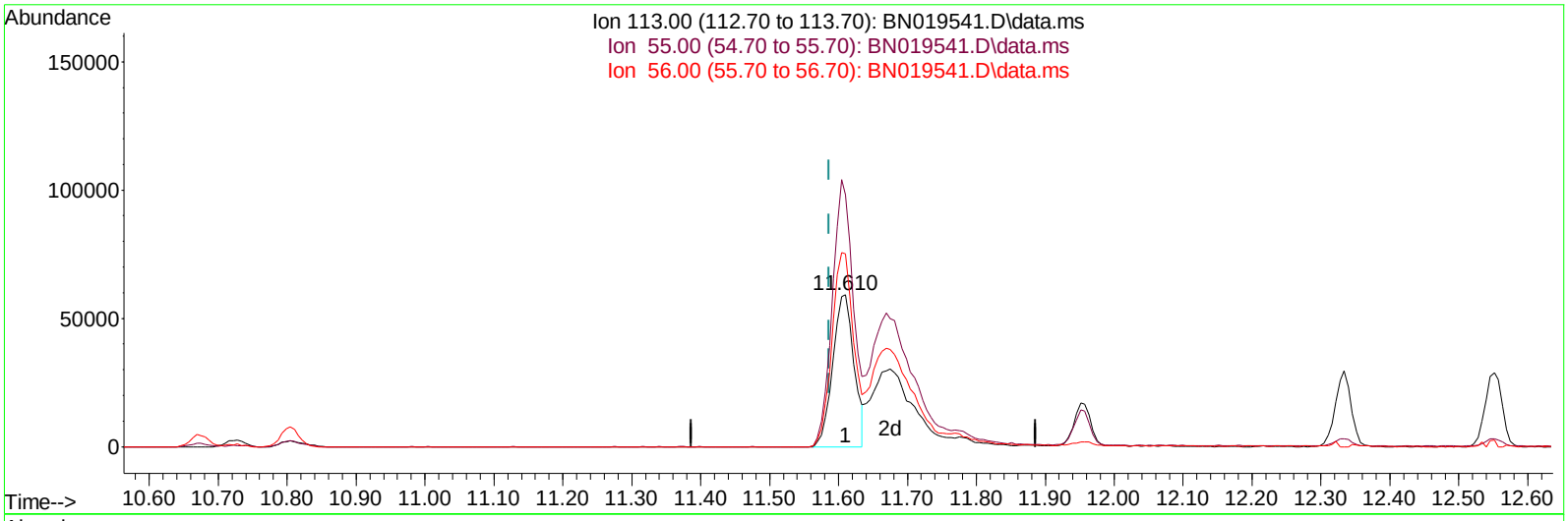
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042722\
Data File : BN019541.D
Acq On : 27 Apr 2022 12:03
Operator : CG/JU
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

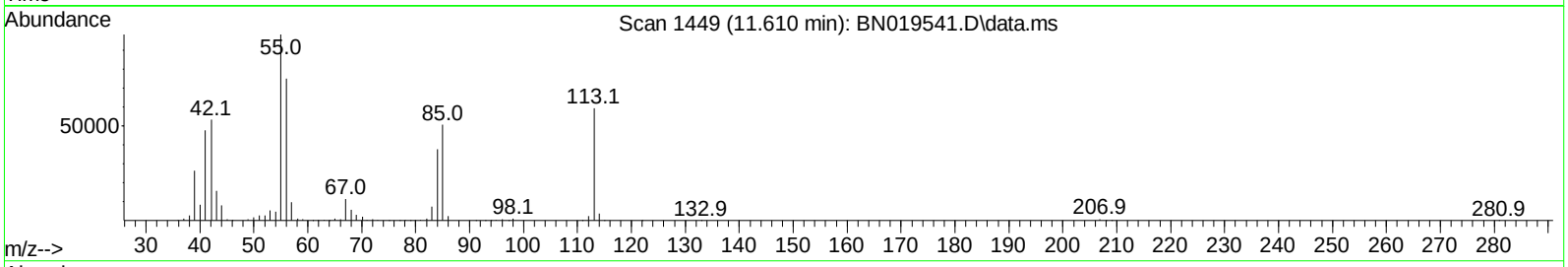
Quant Time: Apr 27 12:51:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 27 12:47:24 2022
Response via : Initial Calibration

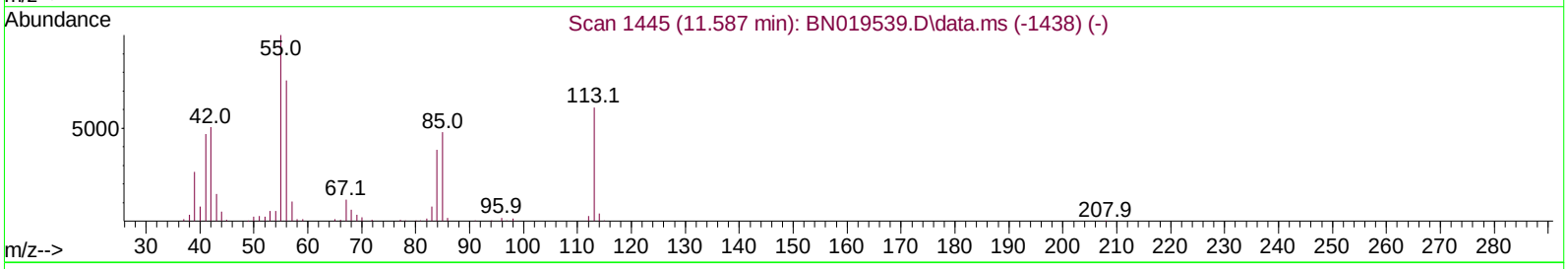
Instrument :
BNA_N
ClientSampleId :
SSTD080214

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/28/2022
Supervised By :Yogesh Patel 05/05/2022







TIC: BN019541.D\data.ms

(34) Caprolactam

11.610min (+ 0.024) 34.51 ng/ul

response 126609

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	165.57
56.00	133.10	126.51
0.00	0.00	0.00

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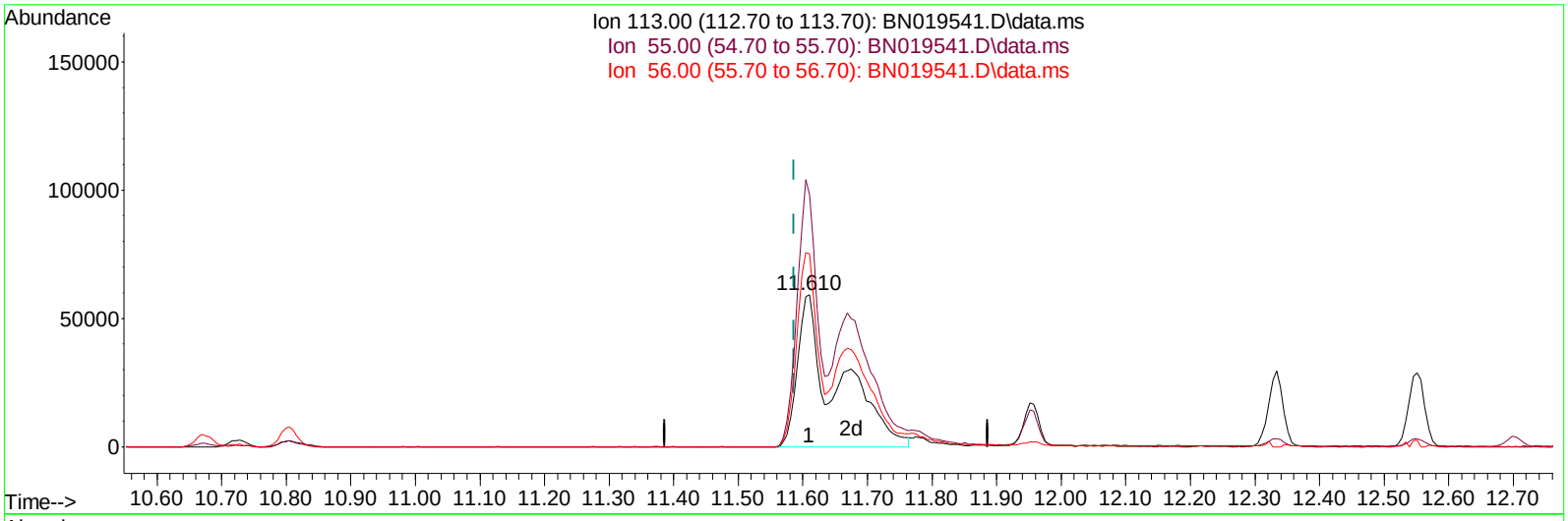

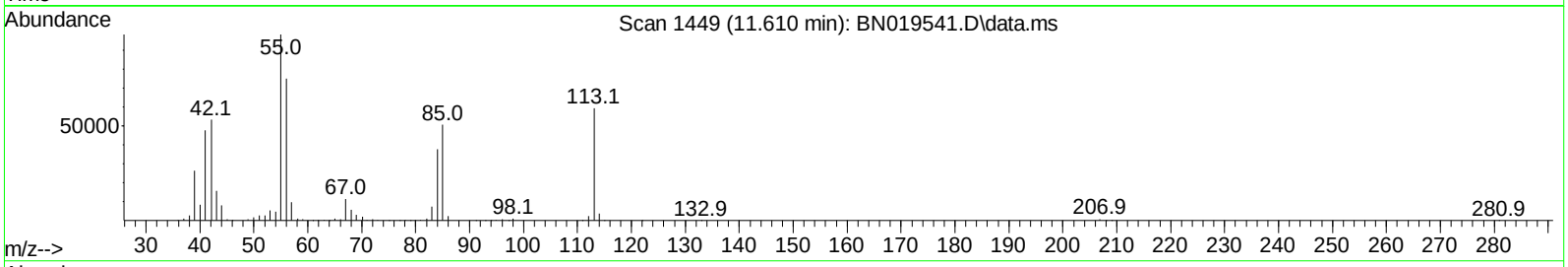

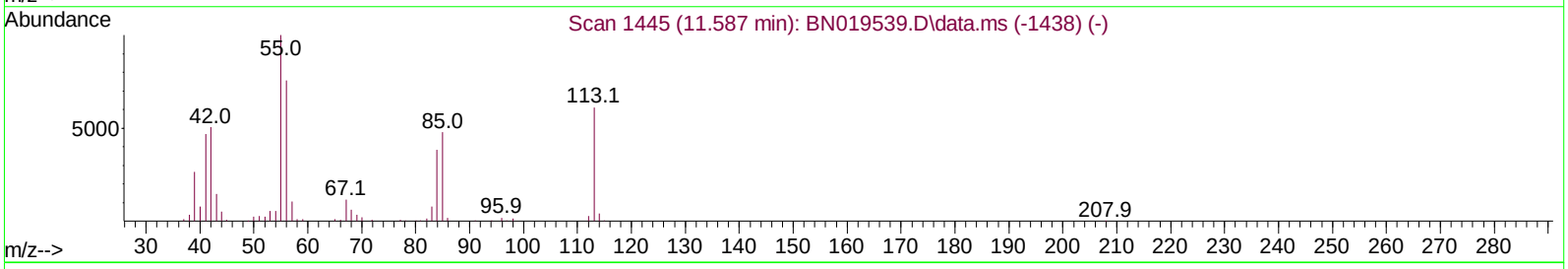

TIC: BN019541.D\data.ms

(34) Caprolactam

11.610min (+ 0.024) 69.10 ng/ul m

response 253492

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	165.57
56.00	133.10	126.51
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	7.881	152	182329	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	726038	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	395334	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	727133	20.000	ng/ul	0.00
79) Chrysene-d12	21.421	240	632805	20.000	ng/ul	# 0.00
88) Perylene-d12	23.774	264	689625	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	154916	35.423	ng/uL	0.00
4) Pyridine-d5	3.752	84	994290	85.517	ng/ul	0.00
7) Phenol-d5	7.046	99	1269343	81.209	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	723607	74.525	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	1028957	86.339	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	973230	77.638	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	476981	85.947	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	498726	80.905	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	876225	78.204	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	1253109	81.138	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	2189789	75.077	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	2965922	82.395	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	455177	85.013	ng/ul	0.01
60) Fluorene-d10	15.492	176	1858487	76.161	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	338516	75.854	ng/ul	0.01
73) Anthracene-d10	17.339	188	2720636	80.736	ng/ul	0.00
81) Pyrene-d10	19.633	212	2867039	72.672	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	2863209	81.404	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	155426	35.424	ng/uL	95
5) Pyridine	3.769	79	1025898	84.028	ng/ul	98
6) Benzaldehyde	7.016	77	443670	52.983	ng/ul	93
8) Phenol	7.075	94	1276265	81.161	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.305	93	976722	77.664	ng/ul	99
12) 2-Chlorophenol	7.446	128	1025804	84.104	ng/ul	98
13) 2-Methylphenol	8.322	108	942425	79.888	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.416	45	1375681	74.877	ng/ul	98
16) Acetophenone	8.704	105	1423309	76.108	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.704	70	690523	69.587	ng/ul	97
18) 4-Methylphenol	8.657	108	1005038	78.412	ng/ul	100
19) Hexachloroethane	8.963	117	411386	80.932	ng/ul	89
22) Nitrobenzene	9.075	77	1050087	76.714	ng/ul	97
23) Isophorone	9.616	82	1910343	73.483	ng/ul	98
25) 2-Nitrophenol	9.787	139	539040	84.198	ng/ul	97
26) 2,4-Dimethylphenol	9.851	107	1067910	78.782	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.087	93	1184944	74.023	ng/ul	98
29) 2,4-Dichlorophenol	10.322	162	865149	78.392	ng/ul	98
30) Naphthalene	10.722	128	3017371	81.863	ng/ul	99
32) 4-Chloroaniline	10.828	127	1238329	80.394	ng/ul	99
33) Hexachlorobutadiene	11.022	225	491532	67.104	ng/ul	98
34) Caprolactam	11.610	113	253492m	69.102	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	941958	75.753	ng/ul	100

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	1935614	76.475 ng/ul	98
37) 1-Methylnaphthalene	12.551	142	1926523	75.214 ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.704	216	846299	72.300 ng/ul	98
40) Hexachlorocyclopentadiene	12.687	237	555599	82.436 ng/ul	99
41) 2,4,6-Trichlorophenol	12.940	196	597613	80.846 ng/ul	97
42) 2,4,5-Trichlorophenol	13.010	196	636137	77.788 ng/ul	97
43) 1,1'-Biphenyl	13.340	154	2406365	82.311 ng/ul	99
44) 2-Chloronaphthalene	13.381	162	1889041	83.768 ng/ul	97
45) 2-Nitroaniline	13.575	65	566156	82.688 ng/ul	96
47) Dimethylphthalate	13.963	163	2131684	74.803 ng/ul	98
48) 2,6-Dinitrotoluene	14.075	165	453947	80.664 ng/ul	96
50) Acenaphthylene	14.222	152	2955895	82.371 ng/ul	100
51) 3-Nitroaniline	14.398	138	426632	73.578 ng/ul	98
52) Acenaphthene	14.569	153	1896558	81.873 ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	244398	67.793 ng/ul	98
55) 4-Nitrophenol	14.710	109	358810	79.625 ng/ul	94
56) Dibenzofuran	14.904	168	2617691	78.236 ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	642562	78.359 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.128	232	475703	72.147 ng/ul	94
59) Diethylphthalate	15.334	149	2155135	75.121 ng/ul	98
61) Fluorene	15.551	166	1980801	75.874 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	883574	66.687 ng/ul	94
63) 4-Nitroaniline	15.563	138	364421	65.538 ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.622	198	345166	78.745 ng/ul	98
67) N-Nitrosodiphenylamine	15.751	169	1777804	85.415 ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	555707	76.695 ng/ul	92
69) Hexachlorobenzene	16.551	284	602672	72.979 ng/ul#	92
70) Atrazine	16.710	200	595039	76.459 ng/ul	95
71) Pentachlorophenol	16.892	266	408139	81.374 ng/ul	98
72) Phenanthrene	17.281	178	3116352	81.686 ng/ul	99
74) Anthracene	17.375	178	3169850	82.916 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	898391	82.125 ng/uL	97
76) Pentachlorobenzene	14.822	250	760337	76.193 ng/uL	93
77) Carbazole	17.639	167	2993092	90.222 ng/ul	97
78) Di-n-butylphthalate	18.222	149	3438028	82.861 ng/ul	100
80) Fluoranthene	19.298	202	3411540	74.668 ng/ul	97
82) Pyrene	19.663	202	3480762	75.171 ng/ul	96
83) Butylbenzylphthalate	20.563	149	1555294	84.262 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.339	252	1070716	86.172 ng/ul#	99
85) Benzo(a)anthracene	21.410	228	3123016	77.159 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.351	149	2143528	80.870 ng/ul	98
87) Chrysene	21.463	228	2976508	76.013 ng/ul	99
89) Di-n-octyl phthalate	22.268	149	3774590	67.712 ng/ul	100
90) Benzo(b)fluoranthene	23.068	252	3487436	76.127 ng/ul#	96
91) Benzo(k)fluoranthene	23.115	252	3083397	72.452 ng/ul	98
93) Benzo(a)pyrene	23.680	252	3314838	78.515 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.215	276	3846615	88.252 ng/ul#	95
95) Dibenzo(a,h)anthracene	26.233	278	3228688	85.916 ng/ul	98
96) Benzo(g,h,i)perylene	26.962	276	3410126	92.303 ng/ul#	95

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

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