Quantitation Report (Qedit)

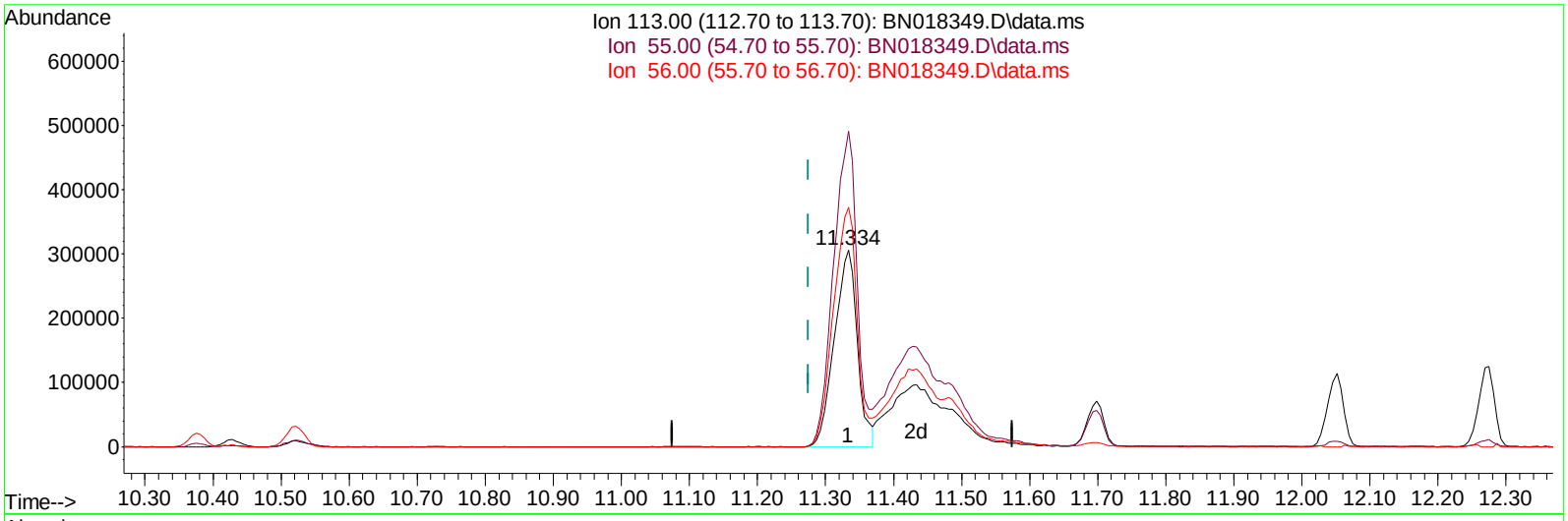
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010622\
Data File : BN018349.D
Acq On : 06 Jan 2022 12:21
Operator : CG/JU
Sample : SSTD08013
Misc :
ALS Vial : 6 Sample Multiplier: 1

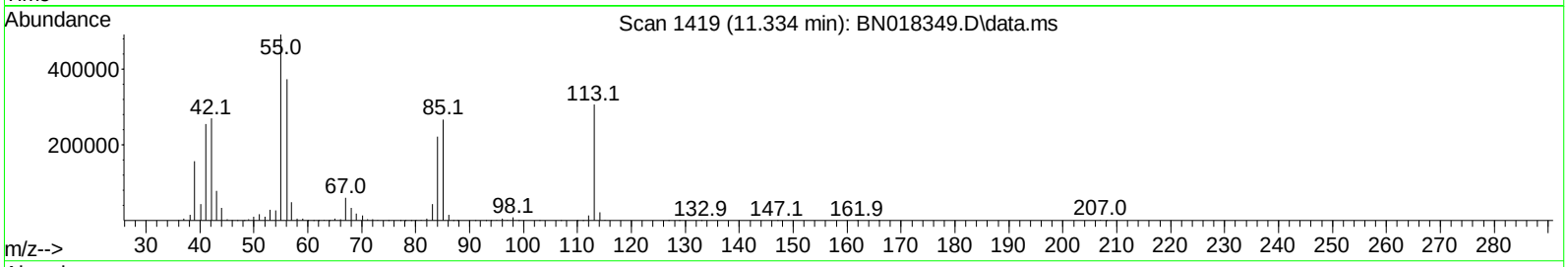
Quant Time: Jan 06 13:13:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 12:42:32 2022
Response via : Initial Calibration

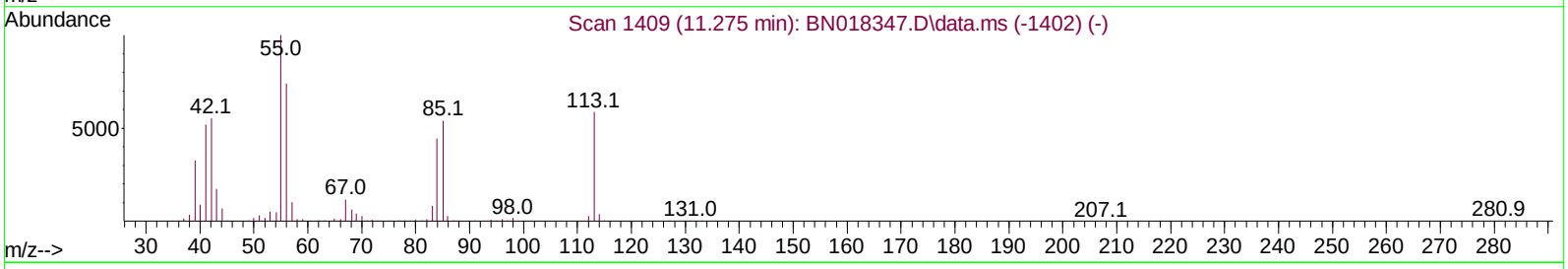
Instrument :
BNA_N
ClientSampleId :
SSTD080213

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/07/2022
Supervised By :mohammad ahmed 01/12/2022







TIC: BN018349.D\data.ms

(34) Caprolactam

11.334min (+ 0.059) 44.33 ng/ul

response 715206

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	160.41
56.00	134.50	121.60
0.00	0.00	0.00

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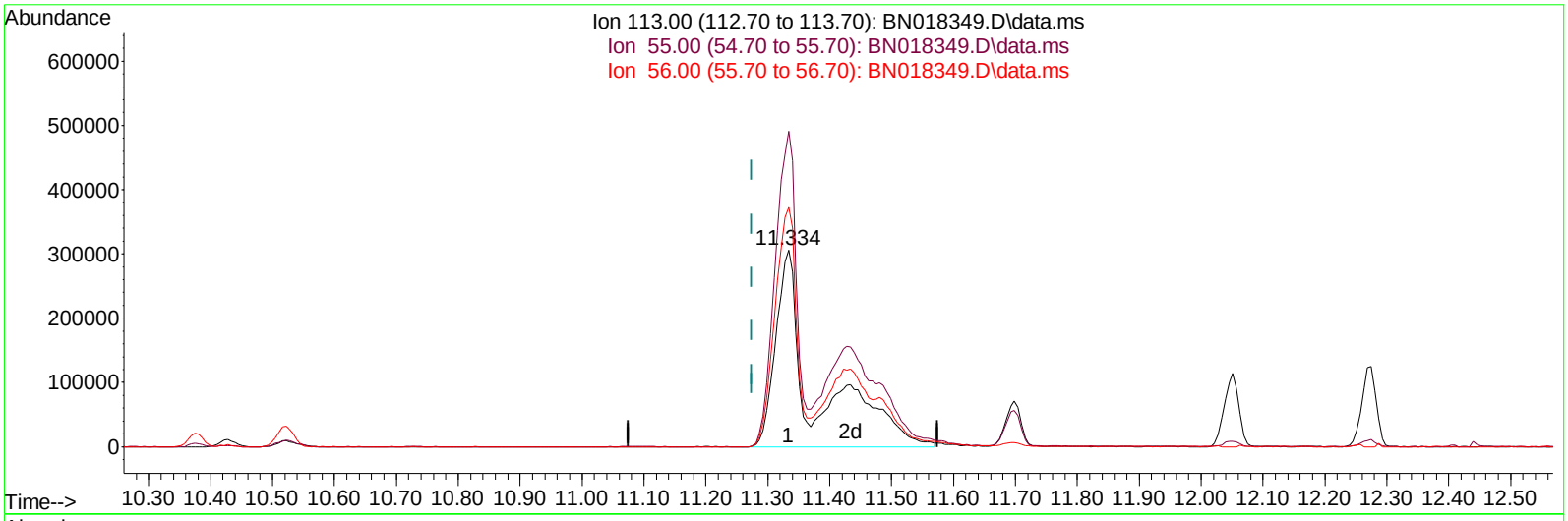

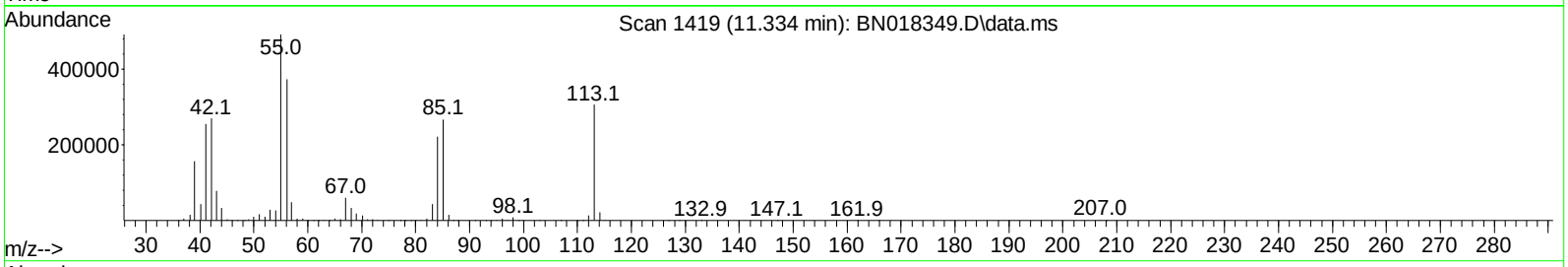

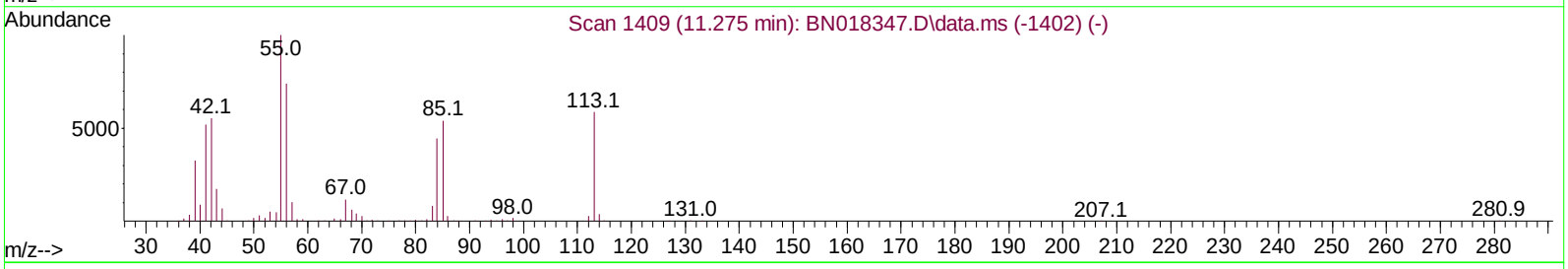

TIC: BN018349.D\data.ms

(34) Caprolactam

11.334min (+ 0.059) 81.43 ng/ul m

response 1313832

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	160.41
56.00	134.50	121.60
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	7.593	152	581239	20.000	ng/ul		0.00
20) Naphthalene-d8	10.375	136	2681725	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.239	164	1627369	20.000	ng/ul		0.00
64) Phenanthrene-d10	16.986	188	3121273	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.186	240	2313306	20.000	ng/ul	#	0.00
88) Perylene-d12	23.404	264	2342968	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.064	96	424065	26.930	ng/uL		0.00
4) Pyridine-d5	3.464	84	3559976	77.676	ng/ul		0.00
7) Phenol-d5	6.787	99	4524506	79.609	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	2776318	75.484	ng/ul		0.00
11) 2-Chlorophenol-d4	7.134	132	3346589	85.517	ng/ul		0.00
15) 4-Methylphenol-d8	8.328	113	3529762	80.094	ng/ul		0.01
21) Nitrobenzene-d5	8.752	128	1722539	103.260	ng/ul		0.00
24) 2-Nitrophenol-d4	9.469	143	1919846	101.253	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.010	165	3114730	68.422	ng/ul		0.00
31) 4-Chloroaniline-d4	10.522	131	4624588	77.463	ng/ul		0.00
46) Dimethylphthalate-d6	13.669	166	8640616	70.270	ng/ul		0.01
49) Acenaphthylene-d8	13.934	160	10736484	70.788	ng/ul		0.00
54) 4-Nitrophenol-d4	14.481	143	1866991	89.482	ng/ul		0.03
60) Fluorene-d10	15.239	176	6849046	63.896	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	1498636	90.047	ng/ul		0.01
73) Anthracene-d10	17.086	188	10080938	68.917	ng/ul		0.00
81) Pyrene-d10	19.386	212	10796644	85.803	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.268	264	9190696	75.309	ng/ul		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.099	88	484675	29.943	ng/uL		99
5) Pyridine	3.481	79	3578636	77.150	ng/ul		95
6) Benzaldehyde	6.740	77	1771972	56.072	ng/ul		99
8) Phenol	6.816	94	4630376	79.252	ng/ul		97
10) Bis(2-Chloroethyl)ether	7.034	93	3650162	77.407	ng/ul		97
12) 2-Chlorophenol	7.169	128	3377509	83.870	ng/ul		95
13) 2-Methylphenol	8.052	108	3520129	81.844	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	4764684	74.115	ng/ul		97
16) Acetophenone	8.422	105	4924056	71.866	ng/ul		99
17) N-Nitroso-di-n-propyla...	8.434	70	2774368	74.074	ng/ul		95
18) 4-Methylphenol	8.399	108	3594821	76.990	ng/ul		99
19) Hexachloroethane	8.669	117	1404657	85.908	ng/ul#		80
22) Nitrobenzene	8.799	77	4222416	84.305	ng/ul		96
23) Isophorone	9.328	82	8465911	72.364	ng/ul		98
25) 2-Nitrophenol	9.504	139	1998057	92.386	ng/ul		96
26) 2,4-Dimethylphenol	9.581	107	4021835	74.614	ng/ul		99
27) Bis(2-Chloroethoxy)met...	9.810	93	5071451	73.708	ng/ul		99
29) 2,4-Dichlorophenol	10.040	162	3054327	68.193	ng/ul		98
30) Naphthalene	10.428	128	10481572	73.352	ng/ul		98
32) 4-Chloroaniline	10.546	127	4639698	76.758	ng/ul		97
33) Hexachlorobutadiene	10.722	225	1604996	49.586	ng/ul		99
34) Caprolactam	11.334	113	1313832m	81.427	ng/ul		
35) 4-Chloro-3-methylphenol	11.698	107	3962440	77.392	ng/ul		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.051	142	7039350	69.460	ng/ul	99
37) 1-Methylnaphthalene	12.275	142	7112193	68.553	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.428	216	2981682	54.903	ng/ul#	91
40) Hexachlorocyclopentadiene	12.410	237	1996980	72.211	ng/ul	99
41) 2,4,6-Trichlorophenol	12.675	196	2325372	68.285	ng/ul	98
42) 2,4,5-Trichlorophenol	12.751	196	2514899	67.934	ng/ul	98
43) 1,1'-Biphenyl	13.075	154	8737195	71.799	ng/ul	100
44) 2-Chloronaphthalene	13.116	162	6827196	71.933	ng/ul	93
45) 2-Nitroaniline	13.328	65	2728214	129.048	ng/ul	98
47) Dimethylphthalate	13.716	163	8684293	72.348	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	1998313	118.662	ng/ul	94
50) Acenaphthylene	13.963	152	10810888	72.058	ng/ul	99
51) 3-Nitroaniline	14.157	138	2031391	103.057	ng/ul	90
52) Acenaphthene	14.310	153	7195041	73.524	ng/ul	97
53) 2,4-Dinitrophenol	14.369	184	1201370	91.983	ng/ul#	85
55) 4-Nitrophenol	14.498	109	1580353	91.342	ng/ul	94
56) Dibenzofuran	14.645	168	9603973	65.558	ng/ul#	86
57) 2,4-Dinitrotoluene	14.622	165	2648888	97.140	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.881	232	1936574	59.164	ng/ul#	76
59) Diethylphthalate	15.086	149	9168559	80.527	ng/ul	96
61) Fluorene	15.298	166	6633567	59.388	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.292	204	2943379	48.516	ng/ul#	75
63) 4-Nitroaniline	15.334	138	1670183	88.942	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.392	198	1466452	87.312	ng/ul#	83
67) N-Nitrosodiphenylamine	15.510	169	6881248	79.239	ng/ul	98
68) 4-Bromophenyl-phenylether	16.186	248	2248063	65.291	ng/ul#	77
69) Hexachlorobenzene	16.304	284	2598518	65.368	ng/ul#	89
70) Atrazine	16.475	200	2477852	75.175	ng/ul	95
71) Pentachlorophenol	16.645	266	1775277	72.419	ng/ul	94
72) Phenanthrene	17.033	178	11986128	72.894	ng/ul	97
74) Anthracene	17.128	178	11632542	71.433	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.040	216	3401873	69.518	ng/uL	99
76) Pentachlorobenzene	14.569	250	3008815	63.319	ng/uL	95
77) Carbazole	17.398	167	11564407	84.555	ng/ul#	97
78) Di-n-butylphthalate	17.969	149	13414668	90.697	ng/ul#	93
80) Fluoranthene	19.051	202	12999971	92.257	ng/ul#	90
82) Pyrene	19.422	202	12506180	87.175	ng/ul#	88
83) Butylbenzylphthalate	20.333	149	6743150	203.423	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.104	252	3435567	78.479	ng/ul#	98
85) Benzo(a)anthracene	21.169	228	11590983	79.243	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.116	149	8831676	166.521	ng/ul#	95
87) Chrysene	21.221	228	10949511	77.607	ng/ul	98
89) Di-n-octyl phthalate	21.986	149	14062484	153.516	ng/ul	100
90) Benzo(b)fluoranthene	22.745	252	11814067	79.412	ng/ul#	97
91) Benzo(k)fluoranthene	22.786	252	10245468	73.160	ng/ul#	93
93) Benzo(a)pyrene	23.315	252	10633885	72.926	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.668	276	11080428	66.008	ng/ul#	89
95) Dibenzo(a,h)anthracene	25.686	278	9163152	64.975	ng/ul#	93
96) Benzo(g,h,i)perylene	26.362	276	9562009	65.704	ng/ul#	92

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

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