Quantitation Report (Qedit)

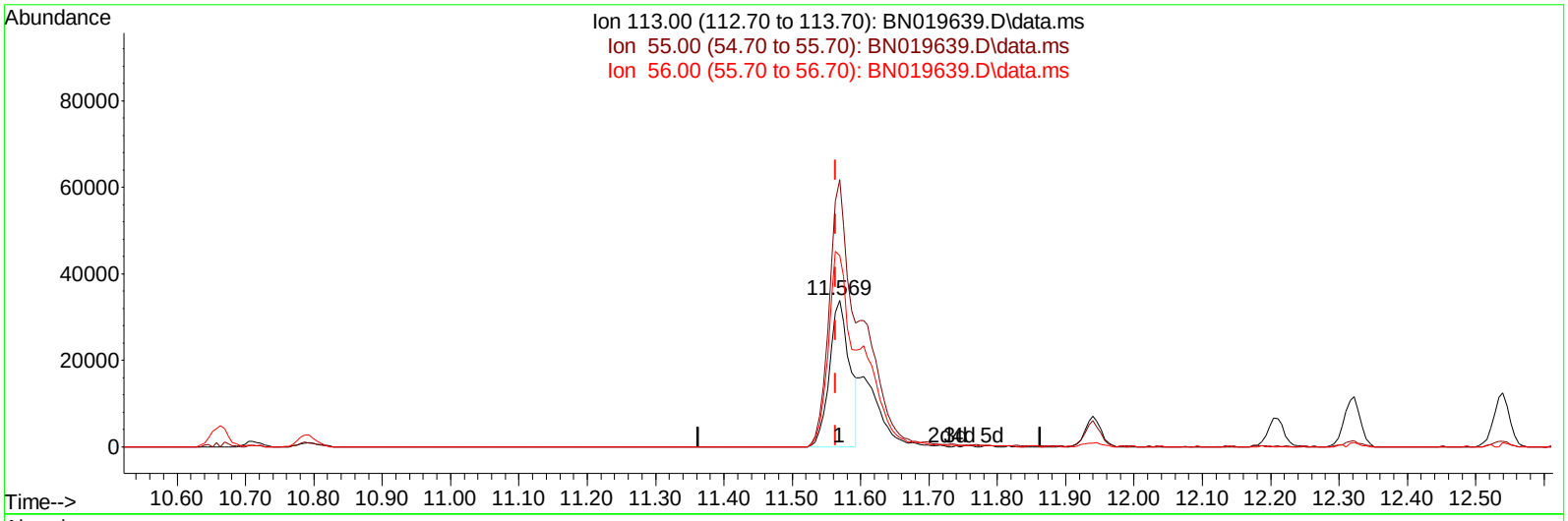
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050222\
Data File : BN019639.D
Acq On : 03 May 2022 02:54
Operator : CG/JU
Sample : PB144499BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

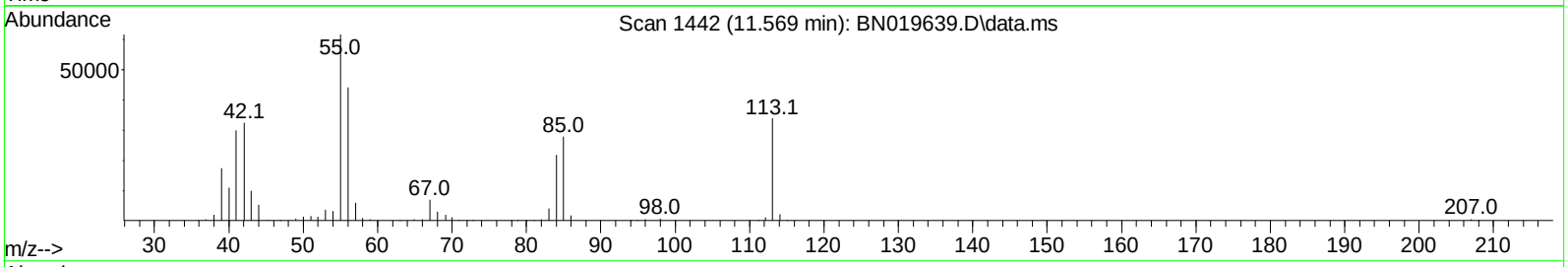
Quant Time: May 03 04:06:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042722.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 03 03:31:44 2022
Response via : Initial Calibration

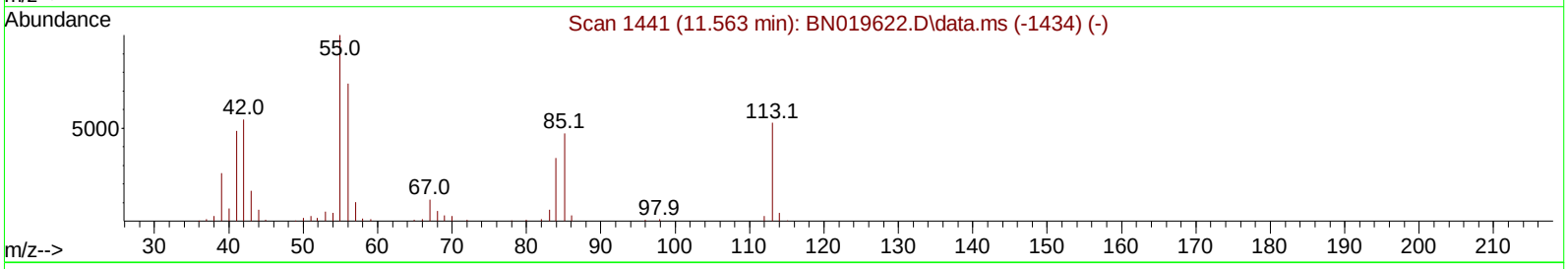
Instrument :
BNA_N
ClientSampleId :
SLCS499

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/09/2022







TIC: BN019639.D\data.ms

(34) Caprolactam

11.569min (+ 0.006) 25.79 ng/ul

response 69612

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	182.00
56.00	133.10	130.18
0.00	0.00	0.00

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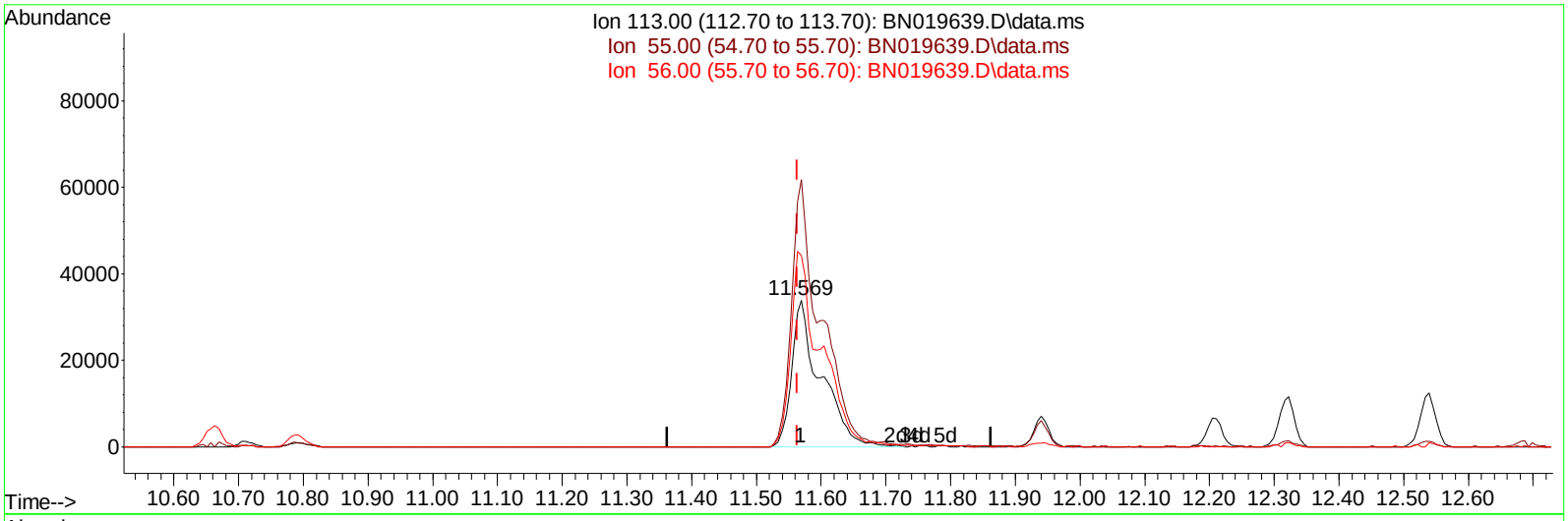

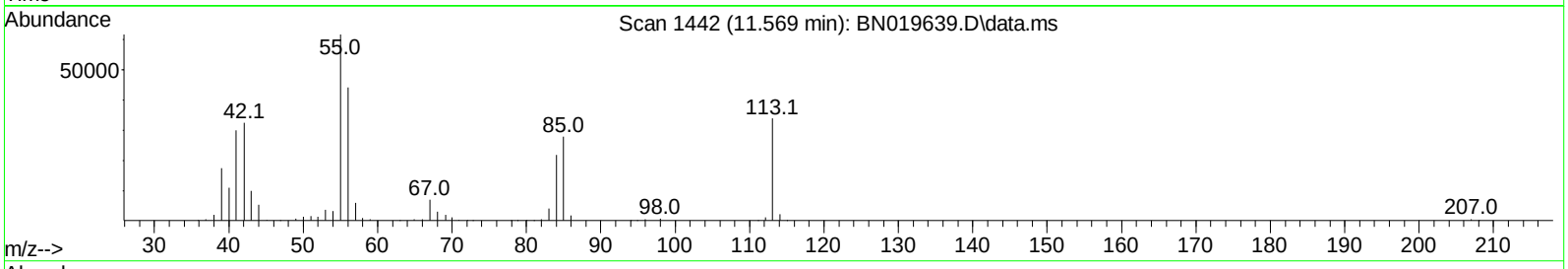

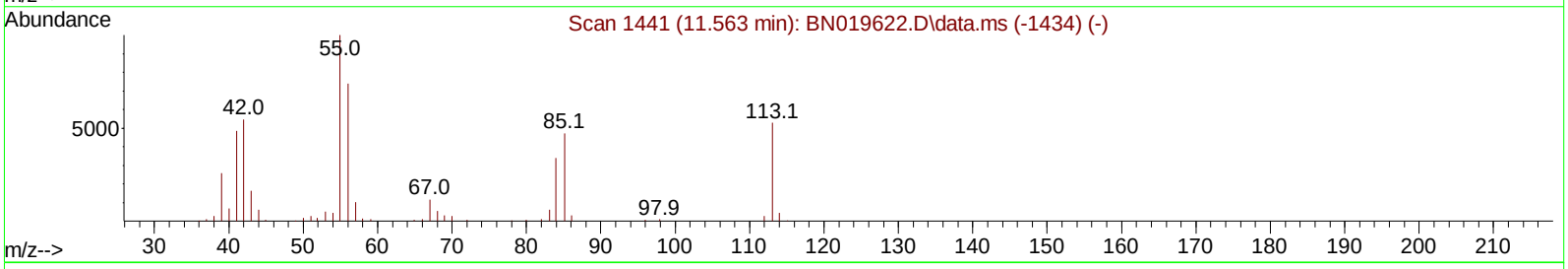

TIC: BN019639.D\data.ms

(34) Caprolactam

11.569min (+ 0.006) 39.31 ng/ul m

response 106127

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	182.00
56.00	133.10	130.18
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	7.869	152	157228	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	661937	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.493	164	397113	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	798451	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	738373	20.000	ng/ul	0.00
88) Perylene-d12	23.763	264	750574	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	24714	5.932	ng/uL	0.00
4) Pyridine-d5	3.746	84	311234	29.500	ng/ul	0.00
7) Phenol-d5	7.034	99	411451	30.198	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	254204	32.165	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	340552	31.511	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	339008	32.479	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	166528	34.505	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	171388	36.034	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	306820	32.226	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	427428	29.574	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	927432	34.002	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	1123210	30.457	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	187193	35.288	ng/ul	0.00
60) Fluorene-d10	15.481	176	788261	32.738	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	133621	32.781	ng/ul	0.00
73) Anthracene-d10	17.328	188	1183082	31.463	ng/ul	0.00
81) Pyrene-d10	19.616	212	1313554	30.943	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.610	264	1271188	33.131	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	47784	11.246	ng/uL#	92
5) Pyridine	3.764	79	339736	30.559	ng/ul	94
6) Benzaldehyde	7.011	77	266307	38.135	ng/ul	89
8) Phenol	7.058	94	442070	32.243	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.293	93	337028	31.681	ng/ul	98
12) 2-Chlorophenol	7.434	128	359045	32.713	ng/ul	99
13) 2-Methylphenol	8.305	108	324715	31.986	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.405	45	514615	33.659	ng/ul	97
16) Acetophenone	8.687	105	515523	32.913	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.675	70	253727	34.806	ng/ul	91
18) 4-Methylphenol	8.634	108	358438	32.977	ng/ul	98
19) Hexachloroethane	8.952	117	144409	32.457	ng/ul	88
22) Nitrobenzene	9.063	77	383747	33.724	ng/ul	93
23) Isophorone	9.593	82	700475	34.516	ng/ul	98
25) 2-Nitrophenol	9.775	139	188948	35.180	ng/ul	100
26) 2,4-Dimethylphenol	9.840	107	377533	31.555	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	430961	32.293	ng/ul	98
29) 2,4-Dichlorophenol	10.304	162	318260	33.341	ng/ul	99
30) Naphthalene	10.710	128	1109229	31.289	ng/ul	100
32) 4-Chloroaniline	10.816	127	422406	29.078	ng/ul	99
33) Hexachlorobutadiene	11.010	225	179176	31.288	ng/ul	98
34) Caprolactam	11.569	113	106127m	39.312	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	357725	35.406	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.322	142	740812	32.470	ng/ul	97
37) 1-Methylnaphthalene	12.540	142	761675	33.347	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.687	216	343413	31.166	ng/ul	97
40) Hexachlorocyclopentadiene	12.675	237	177909	26.240	ng/ul	95
41) 2,4,6-Trichlorophenol	12.922	196	234715	34.147	ng/ul	92
42) 2,4,5-Trichlorophenol	12.993	196	262020	35.108	ng/ul	97
43) 1,1'-Biphenyl	13.328	154	968493	30.846	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	743902	31.011	ng/ul	98
45) 2-Nitroaniline	13.563	65	227788	39.571	ng/ul	96
47) Dimethylphthalate	13.951	163	906228	33.457	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	184831	39.556	ng/ul	97
50) Acenaphthylene	14.210	152	1216936	32.119	ng/ul	99
51) 3-Nitroaniline	14.387	138	196469	41.021	ng/ul	97
52) Acenaphthene	14.551	153	785248	31.667	ng/ul	97
53) 2,4-Dinitrophenol	14.587	184	89927	34.695	ng/ul	86
55) 4-Nitrophenol	14.692	109	160214	38.009	ng/ul	98
56) Dibenzofuran	14.887	168	1090392	31.479	ng/ul	96
57) 2,4-Dinitrotoluene	14.845	165	273856	40.305	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.116	232	201943	37.096	ng/ul	94
59) Diethylphthalate	15.316	149	935786	35.125	ng/ul	97
61) Fluorene	15.534	166	849585	31.595	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.534	204	389069	32.001	ng/ul	93
63) 4-Nitroaniline	15.545	138	211272	51.469	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	133656	32.238	ng/ul	95
67) N-Nitrosodiphenylamine	15.739	169	749218	30.581	ng/ul	98
68) 4-Bromophenyl-phenylether	16.422	248	236419	31.519	ng/ul#	89
69) Hexachlorobenzene	16.539	284	262477	31.110	ng/ul#	88
70) Atrazine	16.692	200	262809	33.628	ng/ul	97
71) Pentachlorophenol	16.881	266	169963	33.195	ng/ul	98
72) Phenanthrene	17.269	178	1386942	31.083	ng/ul	98
74) Anthracene	17.363	178	1409743	31.628	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.293	216	345443	28.066	ng/uL	98
76) Pentachlorobenzene	14.810	250	320036	29.847	ng/uL	92
77) Carbazole	17.628	167	1335642	32.962	ng/ul	98
78) Di-n-butylphthalate	18.204	149	1601647	36.950	ng/ul	100
80) Fluoranthene	19.286	202	1624495	32.464	ng/ul	99
82) Pyrene	19.645	202	1648524	31.627	ng/ul#	95
83) Butylbenzylphthalate	20.551	149	713221	36.991	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.327	252	466034	31.428	ng/ul#	97
85) Benzo(a)anthracene	21.398	228	1554135	32.863	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.339	149	1074734	36.328	ng/ul	97
87) Chrysene	21.445	228	1515801	32.631	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	1843741	35.882	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1650821	33.998	ng/ul	98
91) Benzo(k)fluoranthene	23.098	252	1512307	34.336	ng/ul	97
93) Benzo(a)pyrene	23.657	252	1571309	34.077	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.186	276	1781081	33.706	ng/ul	93
95) Dibenzo(a,h)anthracene	26.204	278	1546603	34.230	ng/ul	96
96) Benzo(g,h,i)perylene	26.933	276	1526178	32.836	ng/ul	95

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

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