Quantitation Report (Qedit)

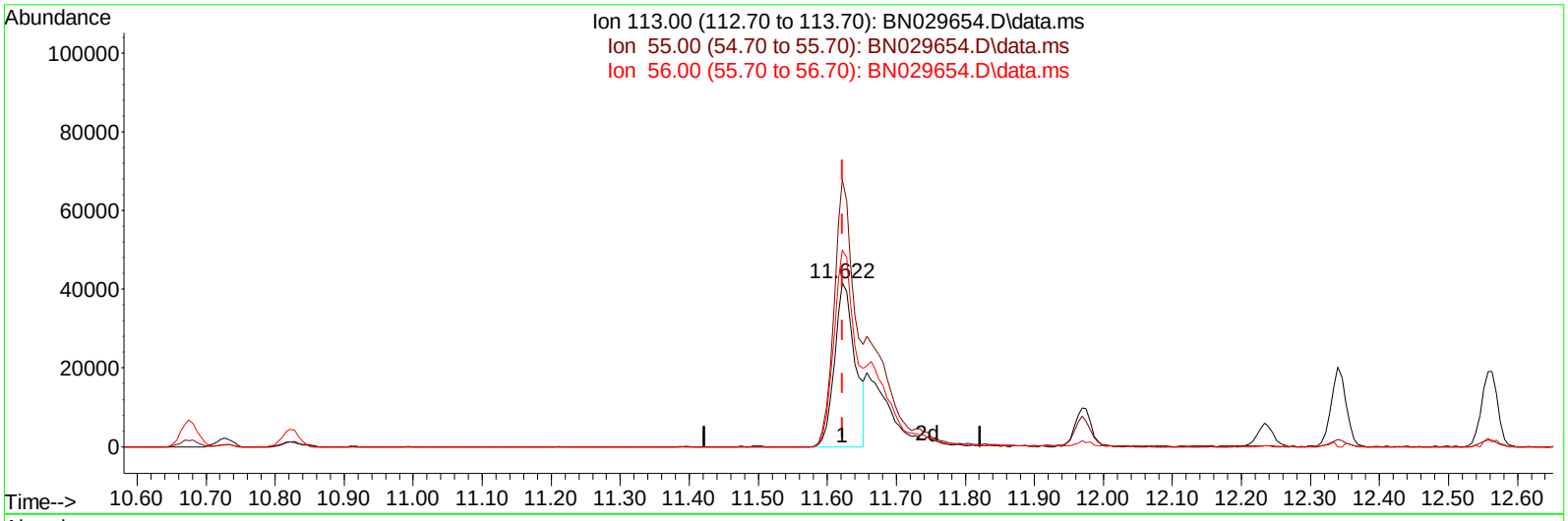
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029654.D
Acq On : 10 Feb 2024 18:49
Operator : MA/JU
Sample : PB158927BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

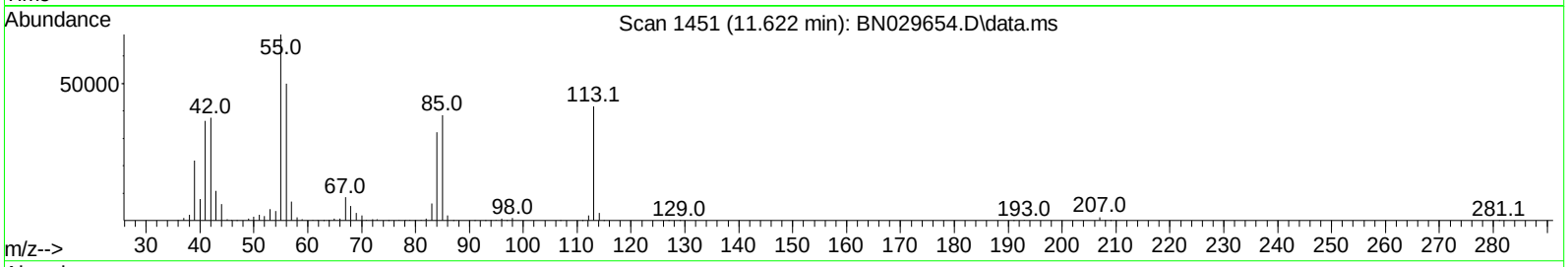
Quant Time: Feb 11 22:14:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 08 00:25:29 2024
Response via : Initial Calibration

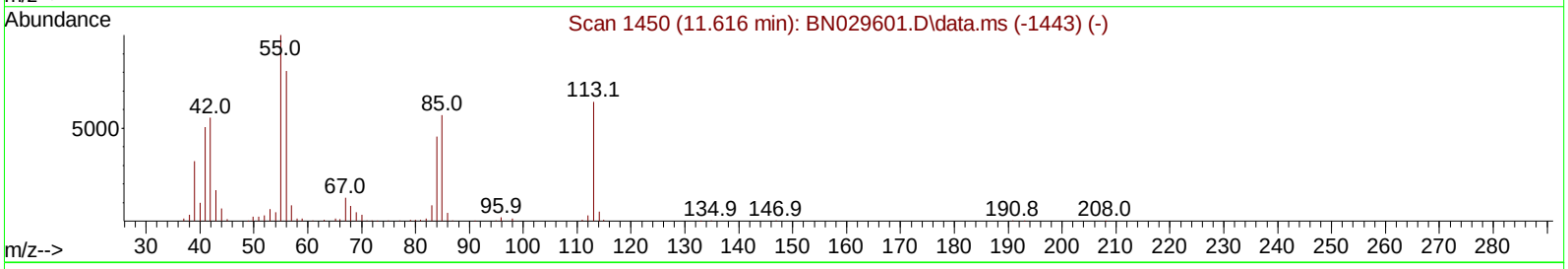
Instrument :
BNA_N
ClientSampleId :
SLCS927

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/12/2024
Supervised By :mohammad ahmed 02/13/2024







TIC: BN029654.D\data.ms

(34) Caprolactam

11.622min (+ 0.000) 19.58 ng/ul

response 85697

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	162.66
56.00	129.20	119.68
0.00	0.00	0.00

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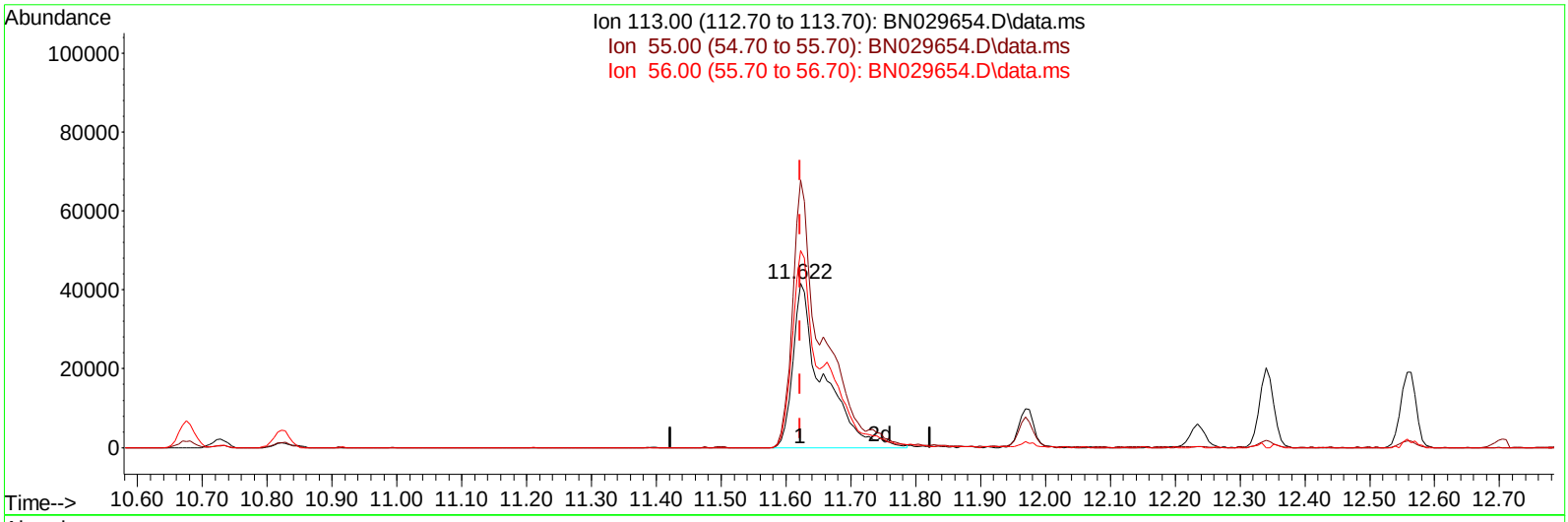

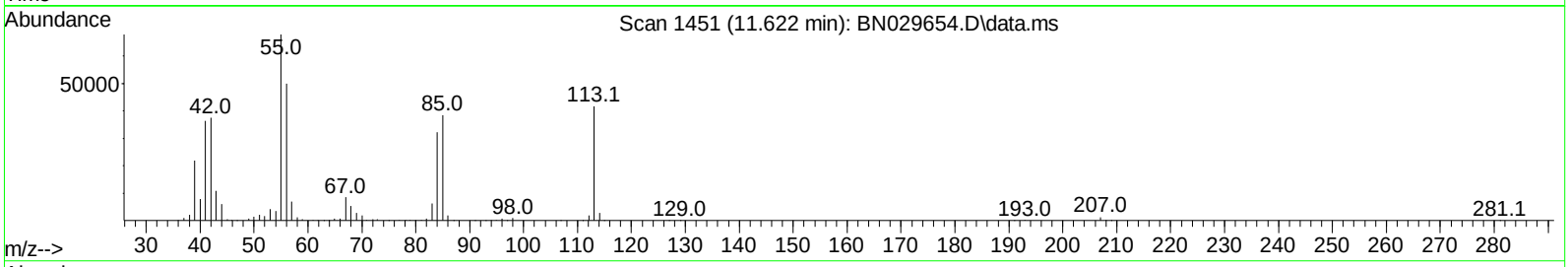

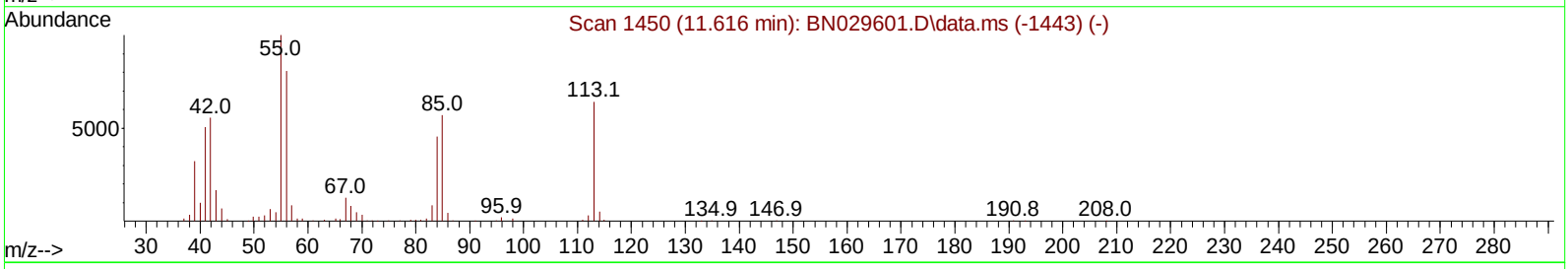

TIC: BN029654.D\data.ms

(34) Caprolactam

11.622min (+ 0.000) 30.58 ng/ul m

response 133850

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	162.66
56.00	129.20	119.68
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB158927BS
Misc :
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Quant Time: Feb 11 23:03:02 2024
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	242135	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.675	136	954147	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	457404	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	821396	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	636673	20.000	ng/ul	0.00
88) Perylene-d12	23.845	264	724746	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	45082	6.124	ng/uL	0.00
4) Pyridine-d5	3.734	84	610339	31.089	ng/ul	0.00
7) Phenol-d5	7.046	99	720557	31.815	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	482790	31.941	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	556938	33.935	ng/ul	-0.01
15) 4-Methylphenol-d8	8.593	113	531131	31.445	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	260372	35.160	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	247174	38.324	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.299	165	453649	35.635	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	645508	29.722	ng/ul	-0.01
46) Dimethylphthalate-d6	13.945	166	1151603	33.817	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1446151	35.759	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	198779	30.754	ng/ul	0.00
60) Fluorene-d10	15.516	176	970201	33.489	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	135056	33.744	ng/ul	0.00
73) Anthracene-d10	17.375	188	1283939	33.353	ng/ul	0.00
81) Pyrene-d10	19.669	212	1318789	34.517	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.692	264	1297682	35.783	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	94227	12.358	ng/uL	97
5) Pyridine	3.752	79	631193	31.077	ng/ul	95
6) Benzaldehyde	7.022	77	398515	39.254	ng/ul	99
8) Phenol	7.075	94	770816	33.208	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.316	93	640095	32.795	ng/ul	98
12) 2-Chlorophenol	7.440	128	595245	34.569	ng/ul	98
13) 2-Methylphenol	8.322	108	545715	32.580	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.405	45	831241	32.609	ng/ul	99
16) Acetophenone	8.710	105	870319	32.375	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.699	70	469726	33.844	ng/ul	99
18) 4-Methylphenol	8.658	108	576610	32.577	ng/ul	99
19) Hexachloroethane	8.946	117	263774	33.010	ng/ul	97
22) Nitrobenzene	9.087	77	720215	34.325	ng/ul	100
23) Isophorone	9.616	82	1246863	34.115	ng/ul	99
25) 2-Nitrophenol	9.793	139	281865	38.271	ng/ul	98
26) 2,4-Dimethylphenol	9.857	107	548420	31.070	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.105	93	789830	34.005	ng/ul	100
29) 2,4-Dichlorophenol	10.322	162	460667	35.020	ng/ul	96
30) Naphthalene	10.728	128	1821961	33.407	ng/ul	100
32) 4-Chloroaniline	10.846	127	554086	25.844	ng/ul	100
33) Hexachlorobutadiene	11.004	225	282362	34.781	ng/ul	98
34) Caprolactam	11.622	113	133850m	30.579	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	524095	34.494	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	1146026	34.279	ng/ul	96
37) 1-Methylnaphthalene	12.557	142	1100062	33.190	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.704	216	490623	36.187	ng/ul	96
40) Hexachlorocyclopentadiene	12.681	237	280542	31.656	ng/ul	99
41) 2,4,6-Trichlorophenol	12.951	196	297016	38.007	ng/ul	100
42) 2,4,5-Trichlorophenol	13.022	196	319683	36.407	ng/ul	95
43) 1,1'-Biphenyl	13.357	154	1357134	35.182	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	1057926	35.287	ng/ul	99
45) 2-Nitroaniline	13.610	65	323805	36.737	ng/ul	94
47) Dimethylphthalate	13.993	163	1196873	34.334	ng/ul	100
48) 2,6-Dinitrotoluene	14.116	165	234237	37.552	ng/ul	96
50) Acenaphthylene	14.245	152	1703952	35.107	ng/ul	99
51) 3-Nitroaniline	14.440	138	244140	33.629	ng/ul	100
52) Acenaphthene	14.587	153	1098166	34.252	ng/ul	97
53) 2,4-Dinitrophenol	14.645	184	95339	30.117	ng/ul	97
55) 4-Nitrophenol	14.745	109	183025	30.968	ng/ul	97
56) Dibenzofuran	14.922	168	1395848	32.969	ng/ul	98
57) 2,4-Dinitrotoluene	14.898	165	316700	36.062	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.145	232	219406	35.207	ng/ul	98
59) Diethylphthalate	15.363	149	1210700	33.811	ng/ul	99
61) Fluorene	15.575	166	1129678	33.757	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.575	204	513763	34.324	ng/ul	96
63) 4-Nitroaniline	15.604	138	246045	37.551	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.657	198	149910	33.975	ng/ul	94
67) N-Nitrosodiphenylamine	15.787	169	914283	35.719	ng/ul	98
68) 4-Bromophenyl-phenylether	16.469	248	286380	36.836	ng/ul	92
69) Hexachlorobenzene	16.569	284	314203	35.855	ng/ul	96
70) Atrazine	16.745	200	199160	24.904	ng/ul	99
71) Pentachlorophenol	16.916	266	165852	32.590	ng/ul	94
72) Phenanthrene	17.316	178	1633841	34.386	ng/ul	98
74) Anthracene	17.410	178	1645650	34.511	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	478308	39.682	ng/uL	97
76) Pentachlorobenzene	14.834	250	410328	38.019	ng/uL	95
77) Carbazole	17.681	167	1453314	33.368	ng/ul	99
78) Di-n-butylphthalate	18.263	149	1817280	34.698	ng/ul	99
80) Fluoranthene	19.333	202	1662674	35.824	ng/ul	98
82) Pyrene	19.698	202	1746668	35.574	ng/ul	99
83) Butylbenzylphthalate	20.622	149	739081	36.935	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.398	252	453006	36.735	ng/ul	99
85) Benzo(a)anthracene	21.457	228	1626853	34.784	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.404	149	1102714	35.626	ng/ul	99
87) Chrysene	21.510	228	1543617	35.217	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	1844819	32.839	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1660638	36.378	ng/ul	98
91) Benzo(k)fluoranthene	23.174	252	1655493	35.431	ng/ul	97
93) Benzo(a)pyrene	23.739	252	1607410	36.717	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.298	276	1941561	36.421	ng/ul	93
95) Dibenzo(a,h)anthracene	26.321	278	1616913	37.152	ng/ul	99
96) Benzo(g,h,i)perylene	27.051	276	1568566	35.180	ng/ul	98

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

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