Quantitation Report (Qedit)

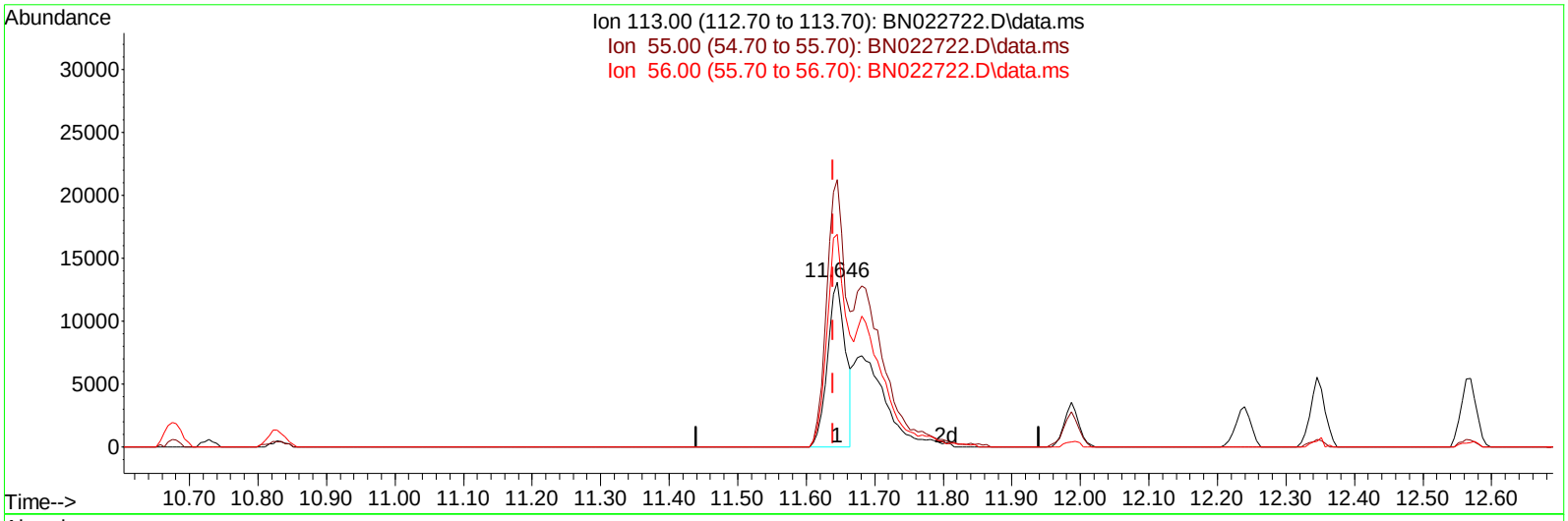
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022722.D
Acq On : 17 Nov 2022 16:27
Operator : CG/JU
Sample : PB149120BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

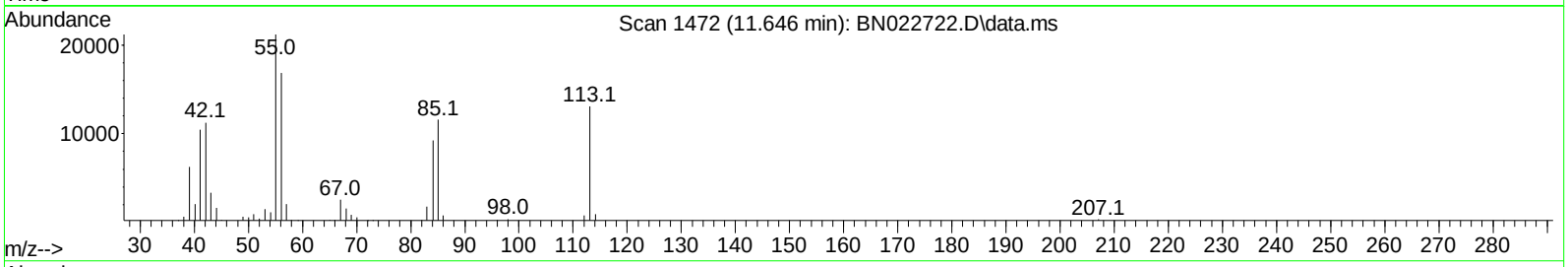
Quant Time: Nov 17 22:11:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 22:08:43 2022
Response via : Initial Calibration

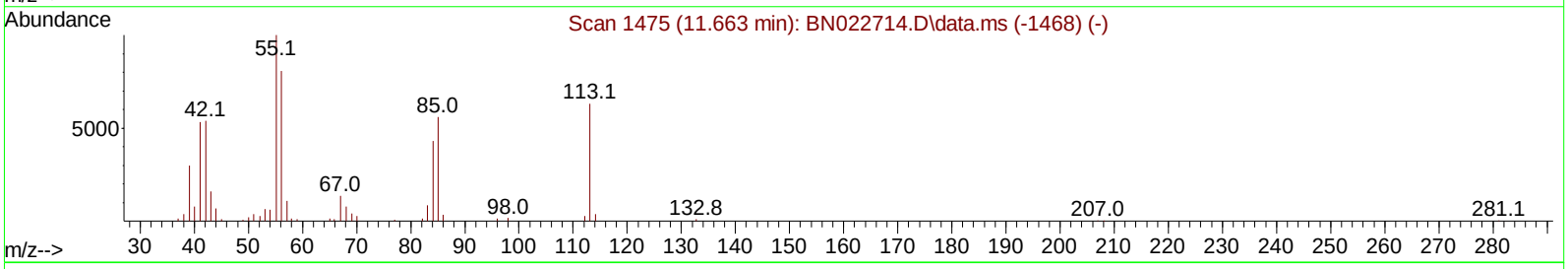
Instrument :
BNA_N
ClientSampleId :
SLCS120

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/18/2022
Supervised By :mohammad ahmed 11/21/2022







TIC: BN022722.D\data.ms

(34) Caprolactam

11.646min (+ 0.006) 16.34 ng/ul

response 23748

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	162.06
56.00	129.70	128.96
0.00	0.00	0.00

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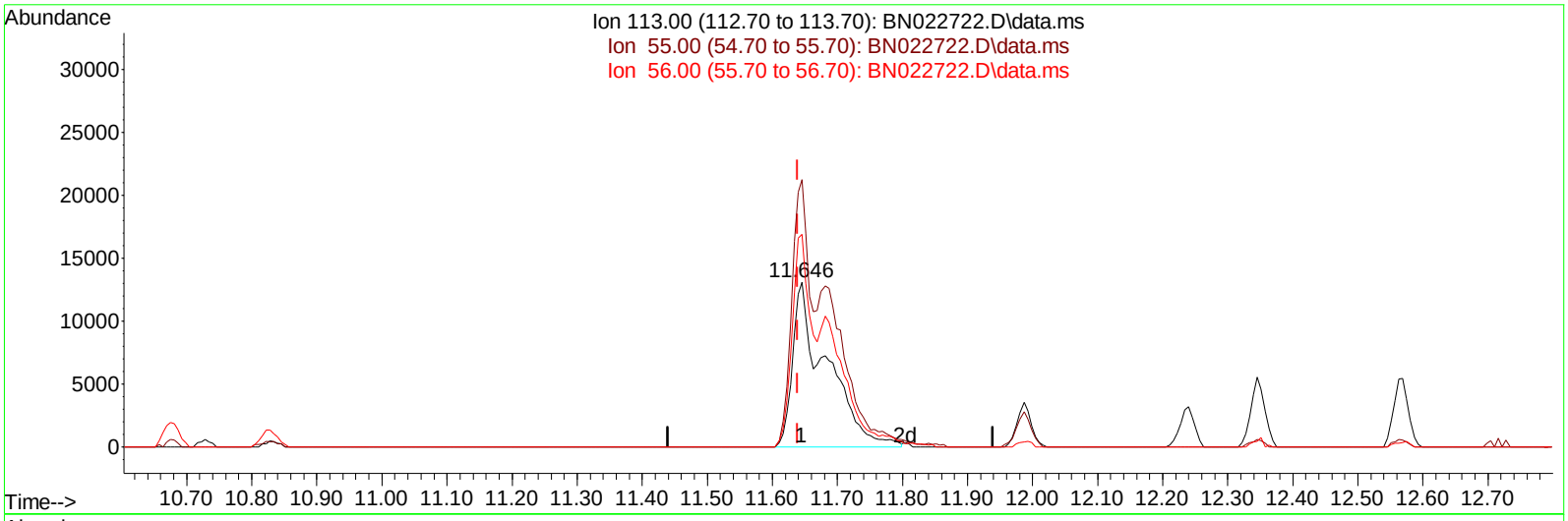

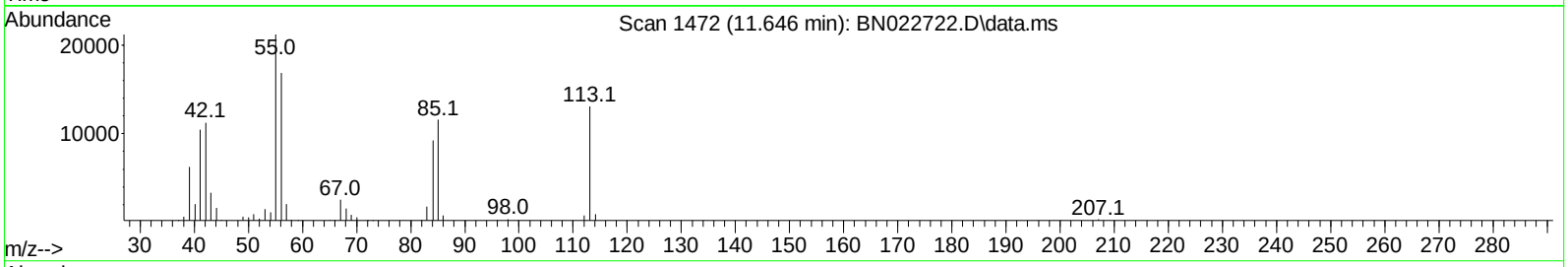

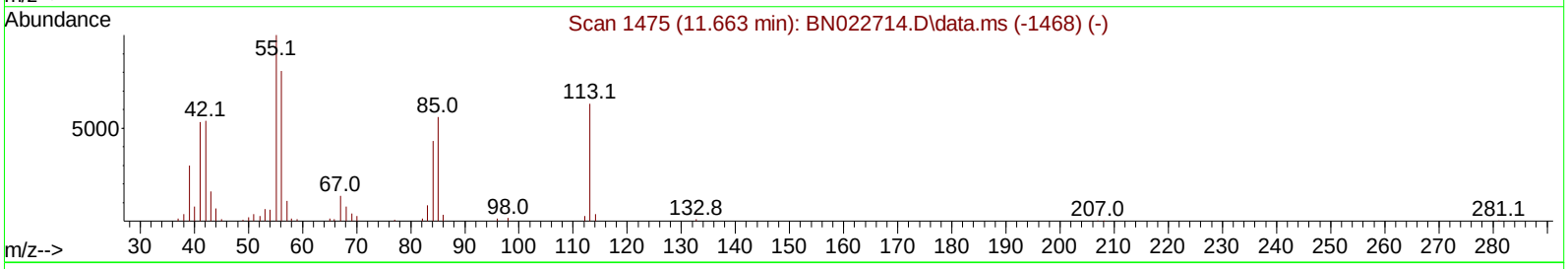

TIC: BN022722.D\data.ms

(34) Caprolactam

11.646min (+ 0.006) 32.71 ng/ul m

response 47555

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	162.06
56.00	129.70	128.96
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	7.857	152	51706	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	256057	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	170930	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	363199	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	372264	20.000	ng/ul	0.00
88) Perylene-d12	23.898	264	395121	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	8885	5.867	ng/uL	0.00
4) Pyridine-d5	3.617	84	115696	27.013	ng/ul	0.00
7) Phenol-d5	7.028	99	167052	34.207	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	102549	35.023	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	120312	33.641	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	139065	36.071	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	64815	32.702	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	73204	33.101	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	127150	33.725	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	177792	30.959	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	444781	35.775	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	470395	34.338	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	87167	35.169	ng/ul	0.00
60) Fluorene-d10	15.528	176	358618	35.170	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	78177	33.864	ng/ul	0.00
73) Anthracene-d10	17.386	188	566637	35.629	ng/ul	0.00
81) Pyrene-d10	19.692	212	653374	33.868	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	709134	35.703	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	16396	10.173	ng/uL#	91
5) Pyridine	3.634	79	112514	26.495	ng/ul	96
6) Benzaldehyde	6.993	77	89923	36.395	ng/ul	96
8) Phenol	7.058	94	159990	31.455	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.287	93	124162	31.328	ng/ul	99
12) 2-Chlorophenol	7.416	128	118923	31.141	ng/ul	98
13) 2-Methylphenol	8.316	108	121600	32.119	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.393	45	174029	33.264	ng/ul	98
16) Acetophenone	8.699	105	207219	33.675	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.681	70	112777	34.388	ng/ul	97
18) 4-Methylphenol	8.652	108	136455	33.194	ng/ul	97
19) Hexachloroethane	8.940	117	48727	30.137	ng/ul	99
22) Nitrobenzene	9.081	77	164794	30.689	ng/ul	99
23) Isophorone	9.610	82	324435	31.586	ng/ul	99
25) 2-Nitrophenol	9.793	139	74329	30.571	ng/ul	97
26) 2,4-Dimethylphenol	9.857	107	159712	30.623	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.093	93	186563	31.497	ng/ul	100
29) 2,4-Dichlorophenol	10.328	162	122040	31.848	ng/ul	97
30) Naphthalene	10.728	128	413233	30.405	ng/ul	100
32) 4-Chloroaniline	10.851	127	168222	28.049	ng/ul	98
33) Hexachlorobutadiene	11.004	225	71173	30.175	ng/ul	95
34) Caprolactam	11.646	113	47555m	32.712	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	163545	32.724	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.345	142	292359	31.577	ng/ul	99
37) 1-Methylnaphthalene	12.569	142	296651	31.963	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	136279	29.704	ng/ul	97
40) Hexachlorocyclopentadiene	12.687	237	67408	25.165	ng/ul	94
41) 2,4,6-Trichlorophenol	12.963	196	97085	29.804	ng/ul	97
42) 2,4,5-Trichlorophenol	13.040	196	110535	32.043	ng/ul	97
43) 1,1'-Biphenyl	13.363	154	384886	30.677	ng/ul	95
44) 2-Chloronaphthalene	13.404	162	296454	30.323	ng/ul	97
45) 2-Nitroaniline	13.622	65	114902	32.362	ng/ul	96
47) Dimethylphthalate	13.992	163	425703	32.577	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	86411	32.667	ng/ul	98
50) Acenaphthylene	14.251	152	487687	31.868	ng/ul	100
51) 3-Nitroaniline	14.451	138	85483	30.013	ng/ul	95
52) Acenaphthene	14.592	153	342506	31.545	ng/ul	97
53) 2,4-Dinitrophenol	14.663	184	52229	28.253	ng/ul	97
55) 4-Nitrophenol	14.769	109	81365	33.118	ng/ul	99
56) Dibenzofuran	14.934	168	461461	32.166	ng/ul	97
57) 2,4-Dinitrotoluene	14.910	165	128521	33.364	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.157	232	95796	32.425	ng/ul	99
59) Diethylphthalate	15.357	149	457187	33.009	ng/ul	99
61) Fluorene	15.581	166	379283	31.658	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.575	204	183256	32.450	ng/ul	93
63) 4-Nitroaniline	15.622	138	88300	34.764	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.675	198	76038	31.866	ng/ul	95
67) N-Nitrosodiphenylamine	15.792	169	342354	31.483	ng/ul	96
68) 4-Bromophenyl-phenylether	16.475	248	112715	31.515	ng/ul	97
69) Hexachlorobenzene	16.581	284	134070	32.068	ng/ul	94
70) Atrazine	16.751	200	126263	32.574	ng/ul	98
71) Pentachlorophenol	16.933	266	81611	30.723	ng/ul	93
72) Phenanthrene	17.328	178	621010	31.723	ng/ul	99
74) Anthracene	17.422	178	640658	32.309	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	139360	29.096	ng/uL	94
76) Pentachlorobenzene	14.845	250	144784	28.009	ng/uL	98
77) Carbazole	17.698	167	595854	32.341	ng/ul	98
78) Di-n-butylphthalate	18.257	149	822209	31.357	ng/ul	100
80) Fluoranthene	19.357	202	742833	30.851	ng/ul	99
82) Pyrene	19.722	202	773970	31.380	ng/ul	99
83) Butylbenzylphthalate	20.622	149	392754	31.283	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.416	252	261254	31.807	ng/ul	98
85) Benzo(a)anthracene	21.474	228	741508	30.164	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	594597	32.087	ng/ul	99
87) Chrysene	21.527	228	731461	31.420	ng/ul	98
89) Di-n-octyl phthalate	22.321	149	1058514	30.461	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	838990	31.333	ng/ul	97
91) Benzo(k)fluoranthene	23.210	252	769346	30.269	ng/ul	97
93) Benzo(a)pyrene	23.792	252	722899	31.850	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.409	276	895322	34.685	ng/ul	99
95) Dibenzo(a,h)anthracene	26.433	278	799382	34.552	ng/ul	98
96) Benzo(g,h,i)perylene	27.192	276	774724	34.422	ng/ul	98

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

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