Quantitation Report (Qedit)

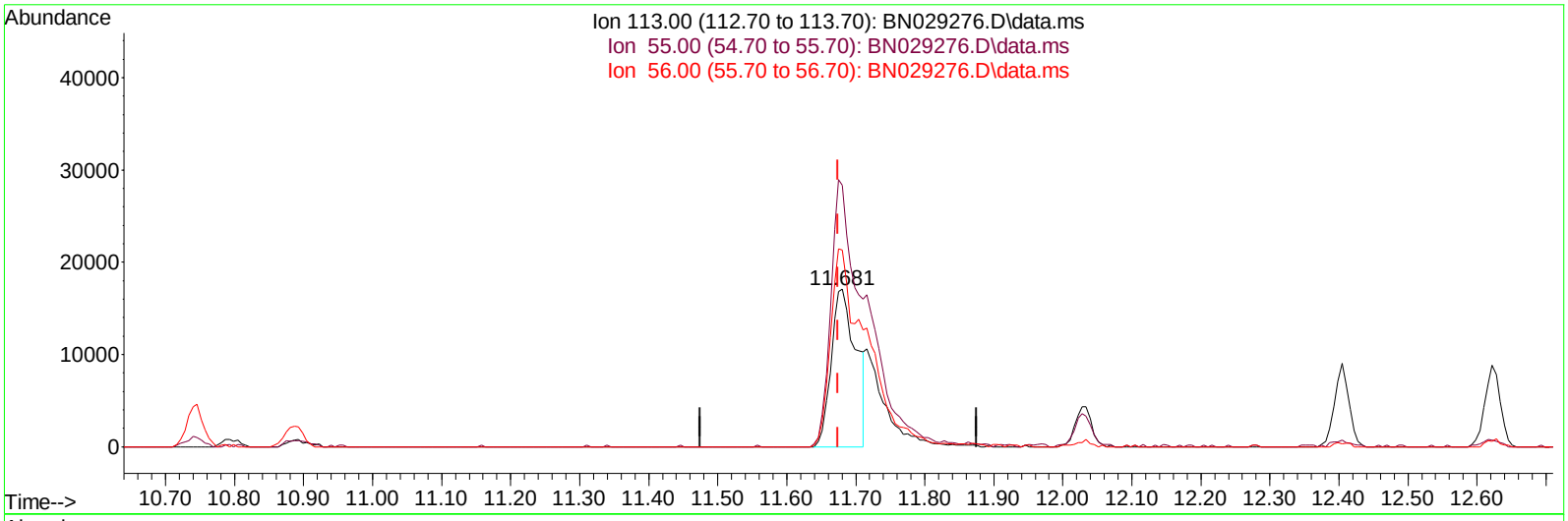
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011724\
Data File : BN029276.D
Acq On : 17 Jan 2024 17:36
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

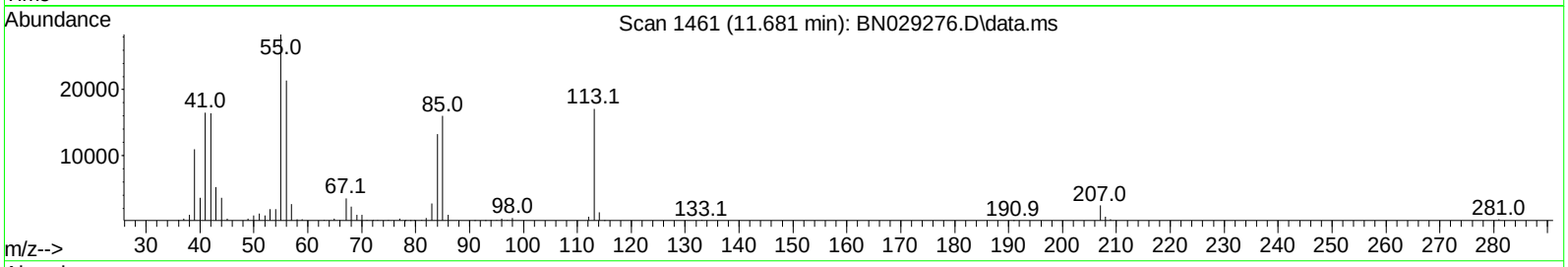
Quant Time: Jan 17 18:02:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 03:57:40 2024
Response via : Initial Calibration

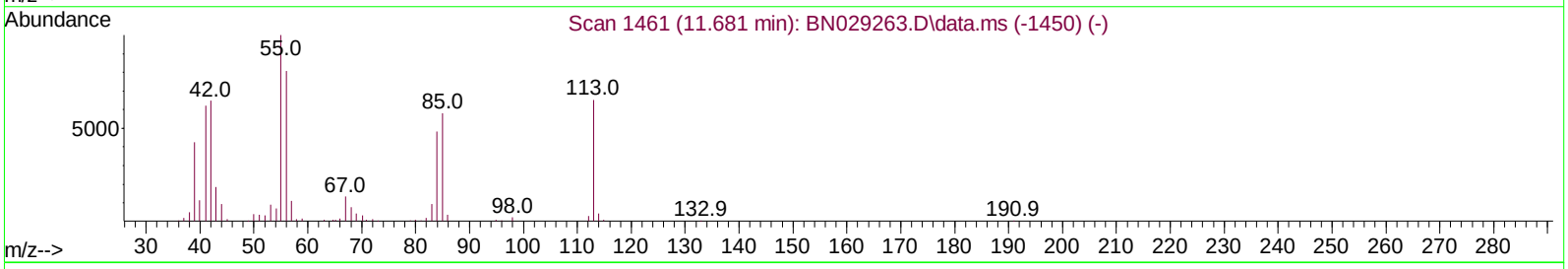
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024







TIC: BN029276.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 11.58 ng/ul

response 42623

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	165.96
56.00	120.60	124.95
0.00	0.00	0.00

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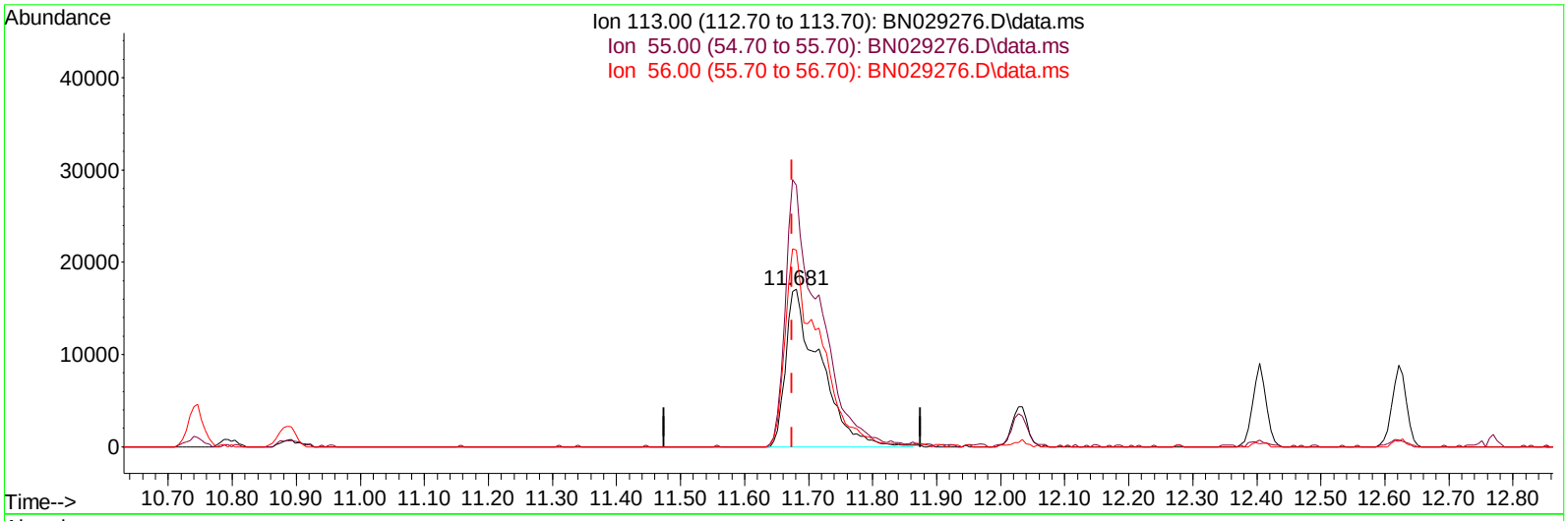

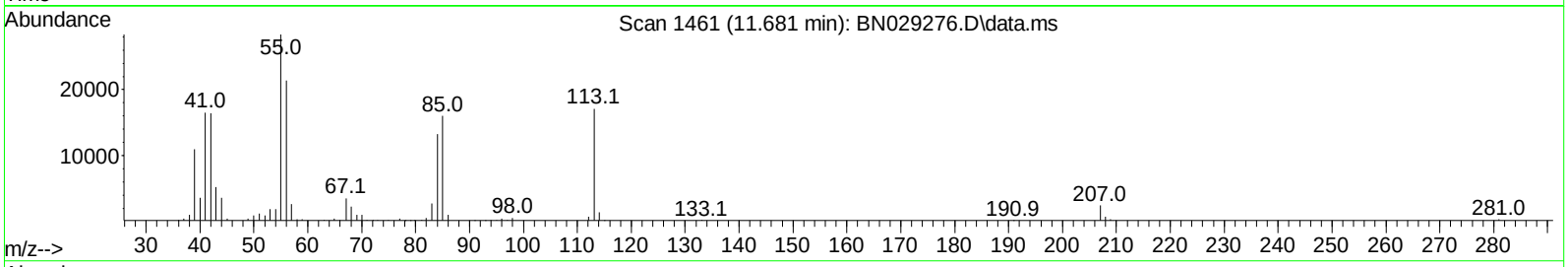

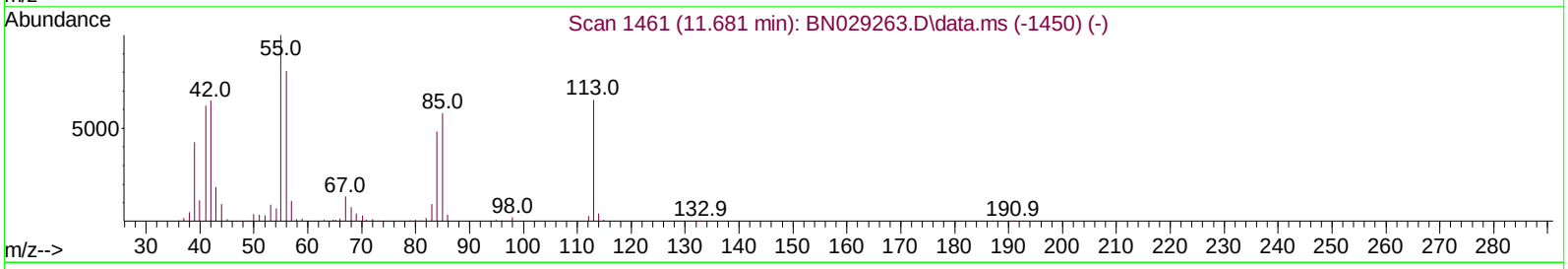

TIC: BN029276.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 17.30 ng/ul m

response 63685

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	165.96
56.00	120.60	124.95
0.00	0.00	0.00

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Acq On : 17 Jan 2024 17:36
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 17 18:03:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 03:57:40 2024
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	135071	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	616598	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	401866	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	933702	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	949986	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	1093139	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	25127	7.683	ng/uL	0.00
4) Pyridine-d5	3.781	84	184973	18.336	ng/ul	0.00
7) Phenol-d5	7.105	99	230642	17.797	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	152498	18.657	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	180168	19.653	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	192171	18.392	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	91308	20.412	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	76970	20.748	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	182967	19.814	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	302468	18.098	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	628358	18.995	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	726213	19.494	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	107776	18.720	ng/ul	0.00
60) Fluorene-d10	15.575	176	552773	19.608	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	63106	16.071	ng/ul	0.00
73) Anthracene-d10	17.428	188	880551	18.760	ng/ul	0.00
81) Pyrene-d10	19.727	212	1052777	19.943	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	1096163	19.456	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	26448	7.971	ng/uL	95
5) Pyridine	3.799	79	195104	18.931	ng/ul	95
6) Benzaldehyde	7.087	77	146689	25.221	ng/ul	96
8) Phenol	7.128	94	240263	18.241	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	198771	18.593	ng/ul	100
12) 2-Chlorophenol	7.499	128	187454	19.643	ng/ul	99
13) 2-Methylphenol	8.381	108	181356	18.076	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.469	45	265115	19.393	ng/ul	99
16) Acetophenone	8.769	105	323489	18.271	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.757	70	178097	19.113	ng/ul	99
18) 4-Methylphenol	8.716	108	202935	18.795	ng/ul	94
19) Hexachloroethane	9.016	117	86048	19.861	ng/ul	93
22) Nitrobenzene	9.152	77	250367	20.245	ng/ul	97
23) Isophorone	9.675	82	494382	18.807	ng/ul	99
25) 2-Nitrophenol	9.857	139	89903	20.698	ng/ul	95
26) 2,4-Dimethylphenol	9.916	107	227261	19.570	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	284455	19.224	ng/ul	98
29) 2,4-Dichlorophenol	10.387	162	181828	20.022	ng/ul	99
30) Naphthalene	10.793	128	680237	19.347	ng/ul	100
32) 4-Chloroaniline	10.910	127	293588	18.058	ng/ul	100
33) Hexachlorobutadiene	11.069	225	120961	18.872	ng/ul	99
34) Caprolactam	11.681	113	63685m	17.303	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	216755	20.118	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	475972	19.359	ng/ul	98
37) 1-Methylnaphthalene	12.622	142	468034	19.185	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.763	216	246641	19.693	ng/ul	96
40) Hexachlorocyclopentadiene	12.740	237	139206	16.600	ng/ul	97
41) 2,4,6-Trichlorophenol	13.010	196	136416	19.656	ng/ul	99
42) 2,4,5-Trichlorophenol	13.075	196	158467	20.339	ng/ul	100
43) 1,1'-Biphenyl	13.416	154	627661	19.381	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	491683	19.435	ng/ul	99
45) 2-Nitroaniline	13.669	65	150335	22.419	ng/ul	99
47) Dimethylphthalate	14.051	163	649169	19.271	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	116704	21.429	ng/ul	97
50) Acenaphthylene	14.304	152	841950	19.479	ng/ul	99
51) 3-Nitroaniline	14.492	138	124081	20.974	ng/ul#	95
52) Acenaphthene	14.645	153	555055	19.564	ng/ul	98
53) 2,4-Dinitrophenol	14.698	184	39680	17.048	ng/ul	91
55) 4-Nitrophenol	14.792	109	106306	20.157	ng/ul	97
56) Dibenzofuran	14.981	168	757756	19.747	ng/ul	100
57) 2,4-Dinitrotoluene	14.951	165	174496	21.878	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.204	232	131858	20.513	ng/ul	97
59) Diethylphthalate	15.416	149	678843	19.319	ng/ul	99
61) Fluorene	15.628	166	640516	19.275	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	310719	19.136	ng/ul	97
63) 4-Nitroaniline	15.657	138	129719	22.268	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.710	198	73197	16.188	ng/ul	98
67) N-Nitrosodiphenylamine	15.845	169	538158	19.009	ng/ul	98
68) 4-Bromophenyl-phenylether	16.528	248	137669	13.191	ng/ul	98
69) Hexachlorobenzene	16.622	284	232397	18.501	ng/ul#	93
70) Atrazine	16.804	200	189110	17.592	ng/ul	96
71) Pentachlorophenol	16.975	266	108749	16.024	ng/ul	95
72) Phenanthrene	17.375	178	1033676	19.081	ng/ul	98
74) Anthracene	17.463	178	1045674	18.589	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.375	216	243361	19.277	ng/uL	91
76) Pentachlorobenzene	14.887	250	249181	19.068	ng/uL	95
77) Carbazole	17.739	167	946595	18.197	ng/ul	98
78) Di-n-butylphthalate	18.322	149	1213160	19.124	ng/ul	99
80) Fluoranthene	19.392	202	1233806	19.781	ng/ul	99
82) Pyrene	19.757	202	1324828	19.997	ng/ul	99
83) Butylbenzylphthalate	20.680	149	519654	20.060	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	412821	18.731	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1360805	19.439	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.469	149	861296	20.136	ng/ul	99
87) Chrysene	21.569	228	1252969	19.352	ng/ul	97
89) Di-n-octyl phthalate	22.416	149	1368715	17.762	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	1322412	19.077	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	1372210	19.865	ng/ul	99
93) Benzo(a)pyrene	23.839	252	1276946	19.428	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.445	276	1603454	19.275	ng/ul	99
95) Dibenzo(a,h)anthracene	26.474	278	1326367	19.119	ng/ul	99
96) Benzo(g,h,i)perylene	27.215	276	1226350	18.461	ng/ul	99

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

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