Quantitation Report (Qedit)

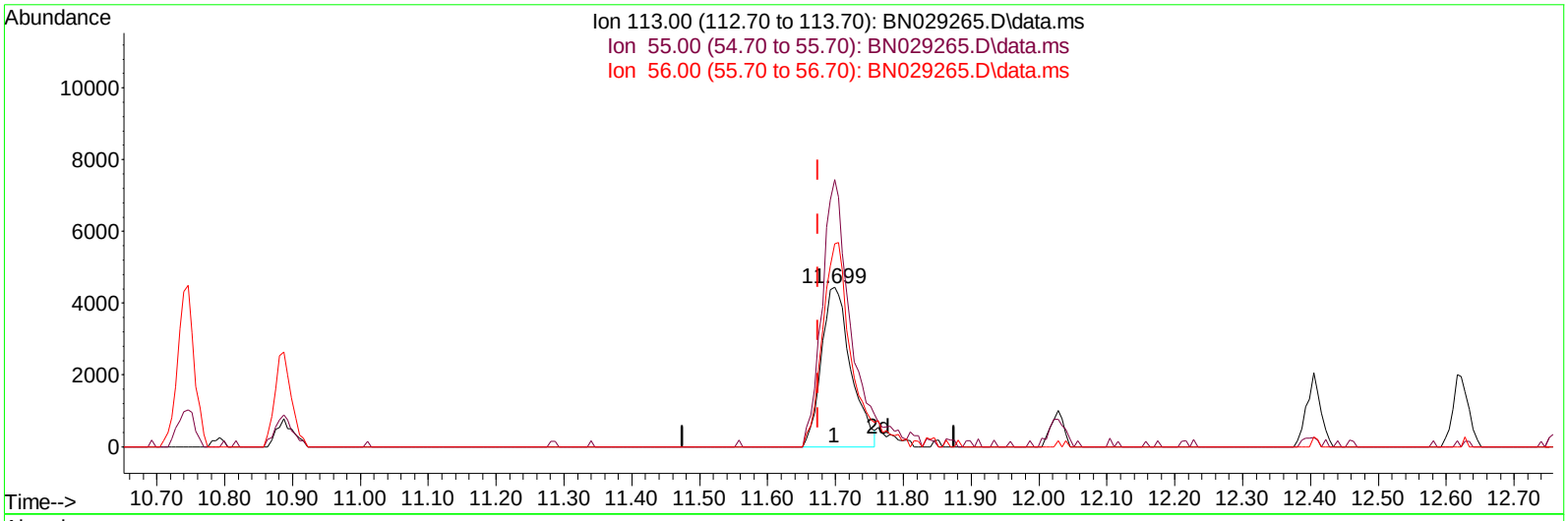
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011724\
Data File : BN029265.D
Acq On : 17 Jan 2024 10:59
Operator : MA/JU
Sample : 02215-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

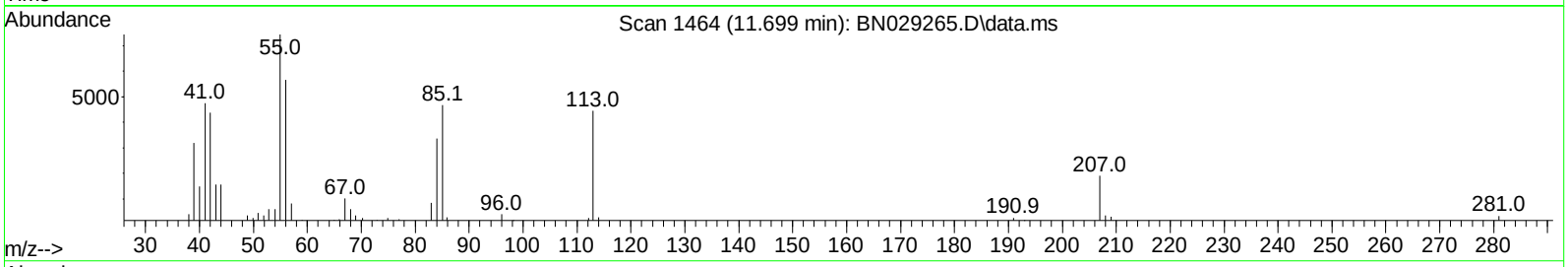
Quant Time: Jan 17 11:25:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 03:57:40 2024
Response via : Initial Calibration

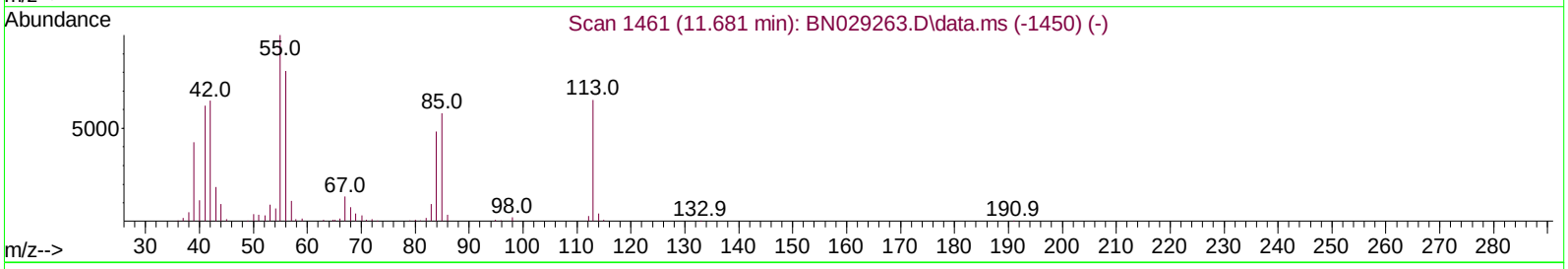
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2023-04

Manual IntegrationsAPPROVED

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







TIC: BN029265.D\data.ms

(34) Caprolactam

11.699min (+ 0.024) 3.66 ng/ul

response 13373

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	167.50
56.00	120.60	127.50
0.00	0.00	0.00

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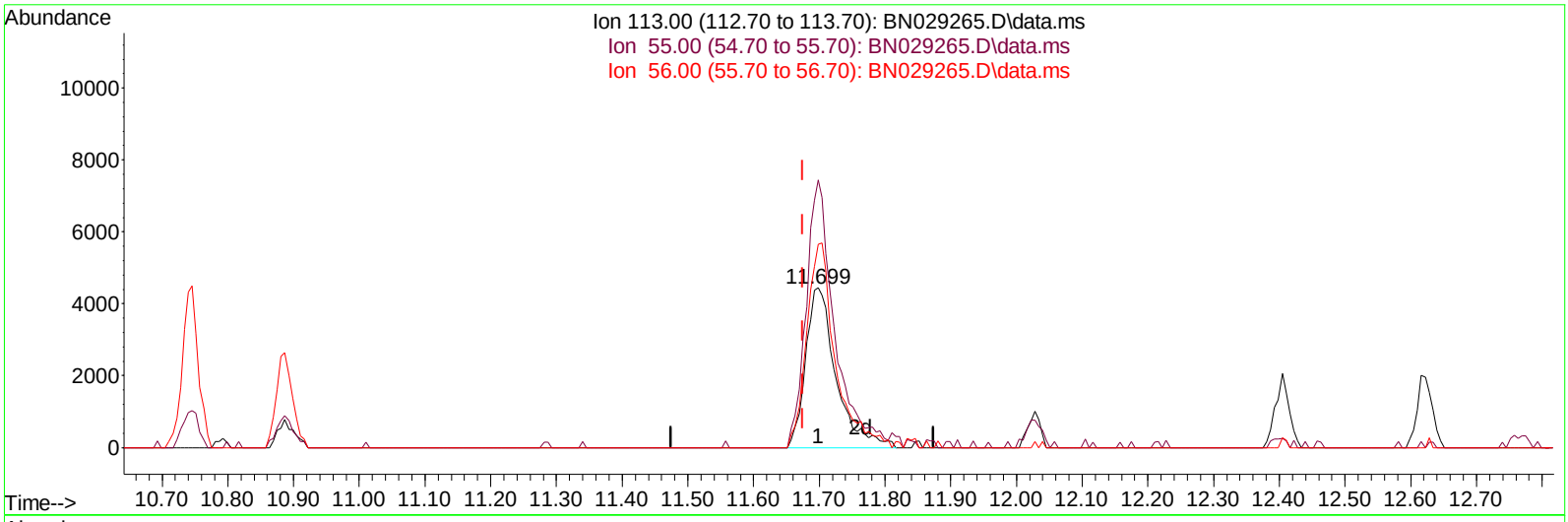

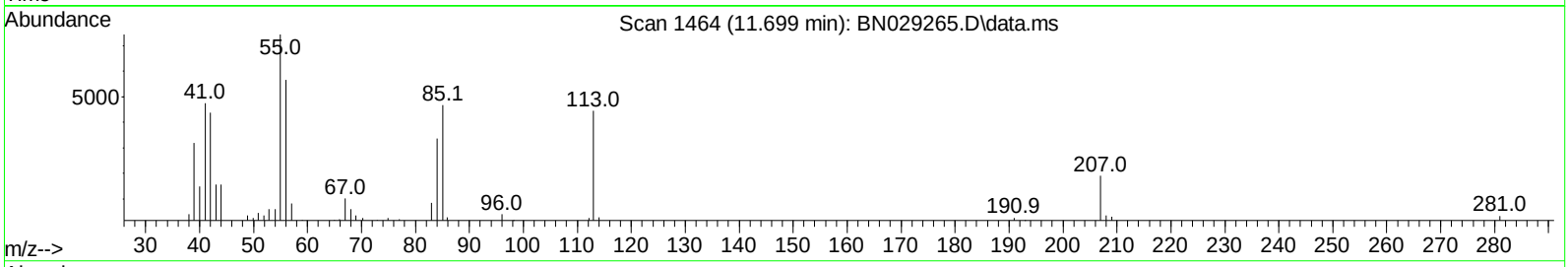

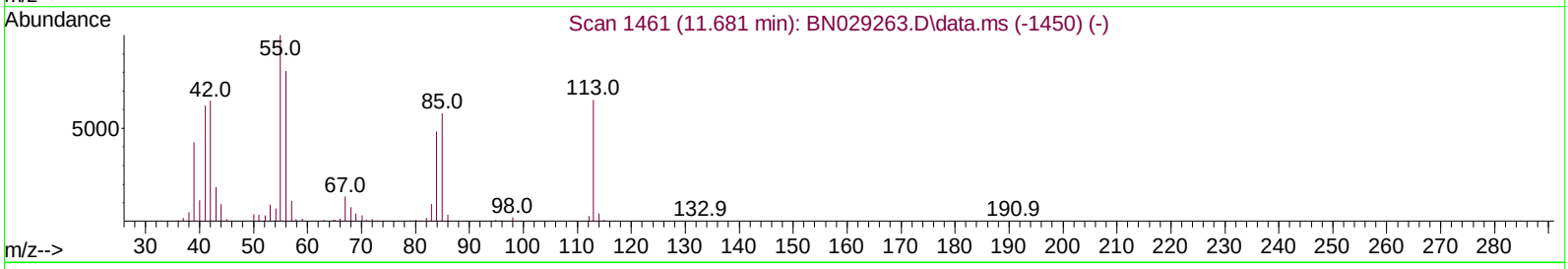

TIC: BN029265.D\data.ms

(34) Caprolactam

11.699min (+ 0.024) 3.91 ng/ul m

response 14279

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	167.50
56.00	120.60	127.50
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	7.940	152	135879	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	611536	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	414240	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	946405	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	964487	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	1051977	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	16443	4.998	ng/uL	0.00
4) Pyridine-d5	3.781	84	230072	22.671	ng/ul	0.00
7) Phenol-d5	7.099	99	260167	19.956	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	175821	21.382	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	199292	21.610	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	212745	20.240	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	103216	23.265	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	83280	22.635	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	189994	20.745	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	321534	19.399	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	746078	21.880	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	823898	21.455	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	112288	18.921	ng/ul	0.00
60) Fluorene-d10	15.575	176	639461	22.005	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	64778	16.276	ng/ul	0.00
73) Anthracene-d10	17.434	188	967876	20.344	ng/ul	0.00
81) Pyrene-d10	19.728	212	1175250	21.929	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	1214690	22.404	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	3990	1.195	ng/uL	93
5) Pyridine	3.805	79	45342	4.373	ng/ul#	77
6) Benzaldehyde	7.087	77	36809	6.291	ng/ul	97
8) Phenol	7.128	94	52061	3.929	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.375	93	44973	4.182	ng/ul	97
12) 2-Chlorophenol	7.499	128	40728	4.242	ng/ul	98
13) 2-Methylphenol	8.381	108	36762	3.642	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.475	45	60107	4.371	ng/ul	99
16) Acetophenone	8.769	105	73750	4.141	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.758	70	37579	4.009	ng/ul	99
18) 4-Methylphenol	8.710	108	42426	3.906	ng/ul	96
19) Hexachloroethane	9.016	117	18295	4.198	ng/ul	93
22) Nitrobenzene	9.152	77	55076	4.490	ng/ul	97
23) Isophorone	9.675	82	103896	3.985	ng/ul	99
25) 2-Nitrophenol	9.857	139	18678	4.336	ng/ul	93
26) 2,4-Dimethylphenol	9.916	107	46988	4.080	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	65418	4.458	ng/ul	96
29) 2,4-Dichlorophenol	10.387	162	38175	4.238	ng/ul	95
30) Naphthalene	10.793	128	151096	4.333	ng/ul	99
32) 4-Chloroaniline	10.910	127	64298	3.988	ng/ul	100
33) Hexachlorobutadiene	11.069	225	26797	4.215	ng/ul	98
34) Caprolactam	11.699	113	14279m	3.912	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	40733	3.812	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	105489	4.326	ng/ul	96
37) 1-Methylnaphthalene	12.622	142	105624	4.365	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	56036	4.341	ng/ul	98
40) Hexachlorocyclopentadiene	12.740	237	35448	4.101	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.010	196	24904	3.481	ng/ul	96
42) 2,4,5-Trichlorophenol	13.075	196	30353	3.779	ng/ul	93
43) 1,1'-Biphenyl	13.416	154	143248	4.291	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	110773	4.248	ng/ul	97
45) 2-Nitroaniline	13.663	65	27087	3.919	ng/ul	95
47) Dimethylphthalate	14.045	163	148352	4.272	ng/ul	100
48) 2,6-Dinitrotoluene	14.169	165	20871	3.718	ng/ul	98
50) Acenaphthylene	14.304	152	186926	4.195	ng/ul	99
51) 3-Nitroaniline	14.493	138	22331	3.662	ng/ul	94
52) Acenaphthene	14.645	153	120557	4.122	ng/ul	98
53) 2,4-Dinitrophenol	14.693	184	11176	4.658	ng/ul	90
55) 4-Nitrophenol	14.787	109	24527	4.512	ng/ul	94
56) Dibenzofuran	14.981	168	169555	4.287	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	31650	3.850	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.204	232	22638	3.417	ng/ul#	95
59) Diethylphthalate	15.416	149	145581	4.019	ng/ul	99
61) Fluorene	15.628	166	145533	4.249	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.628	204	71647	4.281	ng/ul	94
63) 4-Nitroaniline	15.651	138	24119	4.017	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.704	198	18504	4.037	ng/ul#	87
67) N-Nitrosodiphenylamine	15.845	169	118202	4.119	ng/ul	97
68) 4-Bromophenyl-phenylether	16.528	248	31636	2.991	ng/ul	97
69) Hexachlorobenzene	16.622	284	53188	4.177	ng/ul	97
70) Atrazine	16.804	200	46772	4.293	ng/ul	95
71) Pentachlorophenol	16.969	266	24966	3.629	ng/ul	100
72) Phenanthrene	17.375	178	232524	4.235	ng/ul	98
74) Anthracene	17.463	178	228738	4.012	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	53182	4.156	ng/uL	95
76) Pentachlorobenzene	14.893	250	61718	4.660	ng/uL	92
77) Carbazole	17.739	167	195833	3.714	ng/ul	98
78) Di-n-butylphthalate	18.322	149	231232	3.596	ng/ul	100
80) Fluoranthene	19.392	202	264957	4.184	ng/ul	99
82) Pyrene	19.757	202	288108	4.283	ng/ul	99
83) Butylbenzylphthalate	20.680	149	83653	3.181	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	86174	3.851	ng/ul	96
85) Benzo(a)anthracene	21.516	228	290277	4.084	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	143331	3.301	ng/ul	99
87) Chrysene	21.569	228	270559	4.116	ng/ul	99
89) Di-n-octyl phthalate	22.422	149	215404	2.905	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	279547	4.190	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	272623	4.101	ng/ul	96
93) Benzo(a)pyrene	23.839	252	272792	4.313	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.439	276	315285	3.938	ng/ul	98
95) Dibenzo(a,h)anthracene	26.474	278	269285	4.034	ng/ul	95
96) Benzo(g,h,i)perylene	27.215	276	249939	3.910	ng/ul	98

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

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