Quantitation Report (Qedit)

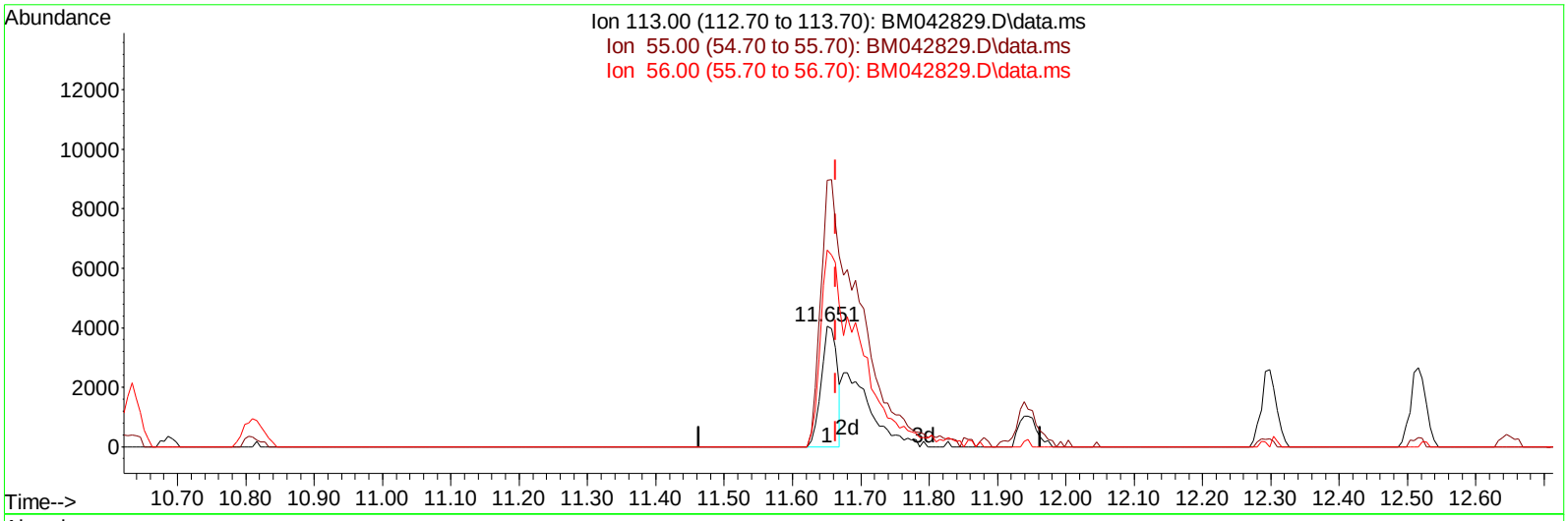
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042829.D
Acq On : 17 Nov 2023 05:22
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 71 Sample Multiplier: 1

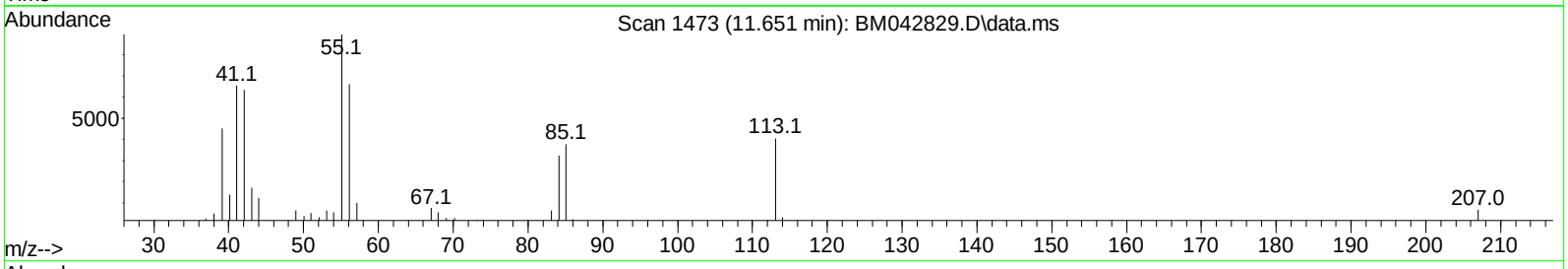
Quant Time: Nov 17 06:30:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

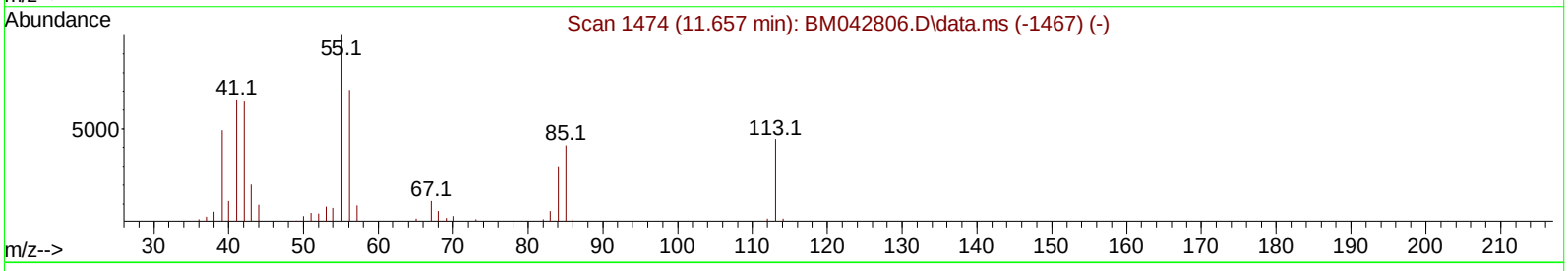
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023







TIC: BM042829.D\data.ms

(34) Caprolactam

11.651min (-0.012) 8.57 ng/ul

response 6611

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	221.24
56.00	167.90	163.14
0.00	0.00	0.00

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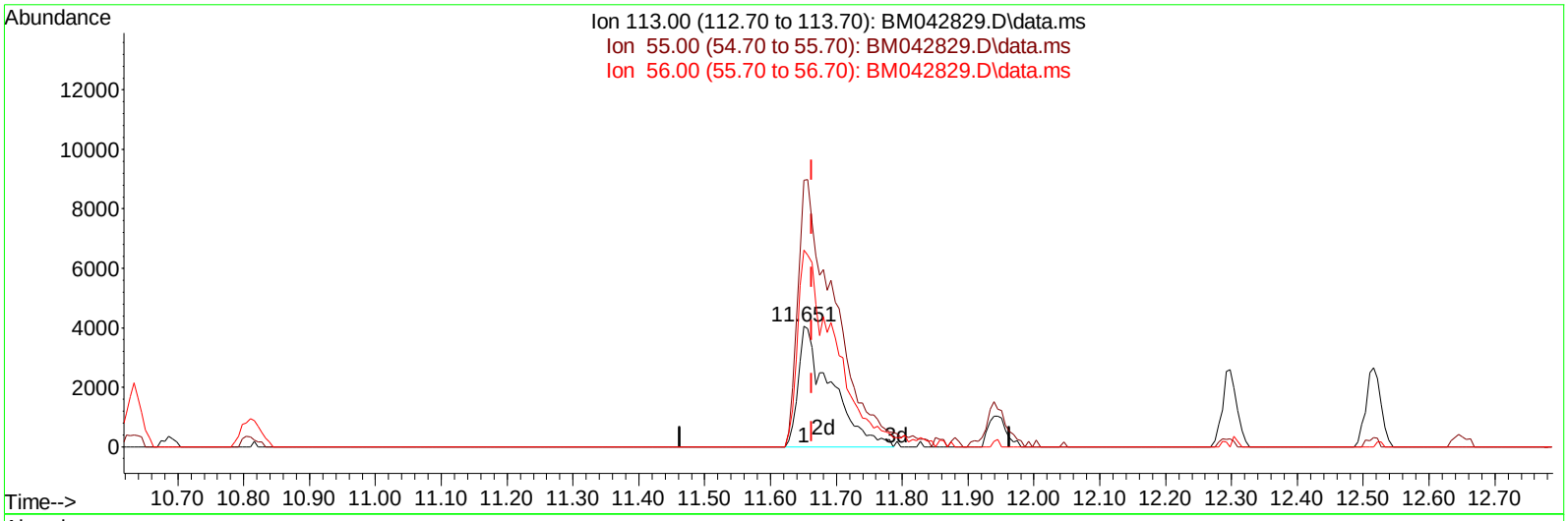

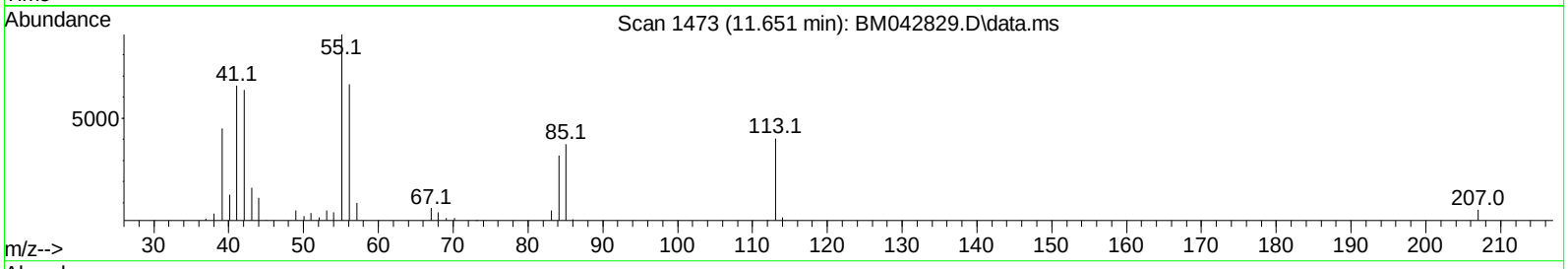

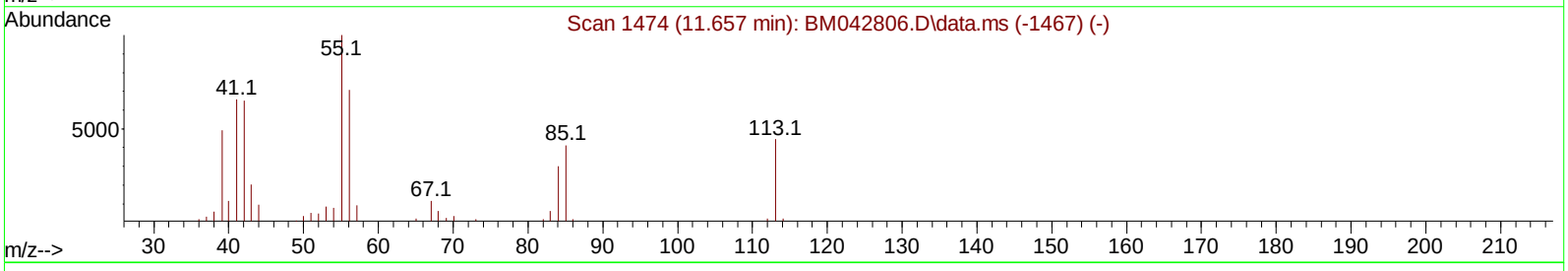

TIC: BM042829.D\data.ms

(34) Caprolactam

11.651min (-0.012) 18.11 ng/ul m

response 13963

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	221.24
56.00	167.90	163.14
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	7.822	152	34298	20.000	ng/ul	0.00
20) Naphthalene-d8	10.633	136	144044	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	100124	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.233	188	227478	20.000	ng/ul	0.00
79) Chrysene-d12	21.415	240	245953	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	270532	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8514	7.789	ng/uL	0.00
4) Pyridine-d5	3.610	84	56570	20.806	ng/ul	0.00
7) Phenol-d5	6.987	99	68462	20.510	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	52655	22.449	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	50692	19.681	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	52347	19.917	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	23721	18.783	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	27516	18.625	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	54928	19.995	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	66061	18.940	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	177011	18.680	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	193731	19.108	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	15988	14.934	ng/ul	-0.01
60) Fluorene-d10	15.474	176	148232	18.890	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	27700	16.076	ng/ul	0.00
73) Anthracene-d10	17.333	188	232025	18.200	ng/ul	0.00
81) Pyrene-d10	19.627	212	298155	18.512	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	307873	19.026	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	9721	8.351	ng/uL	97
5) Pyridine	3.634	79	61160	20.686	ng/ul	99
6) Benzaldehyde	6.987	77	46600	24.332	ng/ul	94
8) Phenol	7.016	94	67479	20.323	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.263	93	57995	21.145	ng/ul	95
12) 2-Chlorophenol	7.375	128	51133	19.948	ng/ul#	85
13) 2-Methylphenol	8.269	108	49055	19.812	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.333	45	115802	23.194	ng/ul	97
16) Acetophenone	8.675	105	87710	19.846	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.639	70	57578	21.402	ng/ul	93
18) 4-Methylphenol	8.610	108	55311	20.547	ng/ul	99
19) Hexachloroethane	8.875	117	29879	20.914	ng/ul	89
22) Nitrobenzene	9.063	77	80398	21.063	ng/ul	95
23) Isophorone	9.575	82	153803	20.231	ng/ul	97
25) 2-Nitrophenol	9.769	139	28492	18.982	ng/ul	95
26) 2,4-Dimethylphenol	9.810	107	63728	19.844	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.063	93	80568	20.973	ng/ul	95
29) 2,4-Dichlorophenol	10.286	162	50692	19.491	ng/ul	97
30) Naphthalene	10.686	128	172032	19.063	ng/ul	99
32) 4-Chloroaniline	10.833	127	60710	18.143	ng/ul	99
33) Hexachlorobutadiene	10.904	225	44308	19.286	ng/ul	96
34) Caprolactam	11.651	113	13963m	18.107	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	56504	20.275	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.298	142	119356	19.734	ng/ul	97
37) 1-Methylnaphthalene	12.516	142	126040	19.821	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.651	216	78860	20.083	ng/ul	97
40) Hexachlorocyclopentadiene	12.586	237	41861	22.518	ng/ul	96
41) 2,4,6-Trichlorophenol	12.910	196	45560	18.995	ng/ul	98
42) 2,4,5-Trichlorophenol	12.986	196	44895	19.385	ng/ul	97
43) 1,1'-Biphenyl	13.316	154	163165	19.541	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	129814	19.325	ng/ul	97
45) 2-Nitroaniline	13.610	65	44960	20.523	ng/ul	89
47) Dimethylphthalate	13.951	163	173609	18.810	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	31770	18.322	ng/ul	91
50) Acenaphthylene	14.204	152	218429	19.227	ng/ul	99
51) 3-Nitroaniline	14.445	138	23742	16.744	ng/ul	94
52) Acenaphthene	14.545	153	149359	19.439	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	13245	15.362	ng/ul	88
55) 4-Nitrophenol	14.745	109	28587	16.968	ng/ul	98
56) Dibenzofuran	14.880	168	204860	19.210	ng/ul	96
57) 2,4-Dinitrotoluene	14.886	165	47251	18.561	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.098	232	45728	19.021	ng/ul#	97
59) Diethylphthalate	15.298	149	182319	18.838	ng/ul	98
61) Fluorene	15.527	166	178034	19.663	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.521	204	96976	19.874	ng/ul	96
63) 4-Nitroaniline	15.615	138	23603	18.259	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.633	198	28910	16.480	ng/ul#	89
67) N-Nitrosodiphenylamine	15.745	169	133726	18.743	ng/ul	100
68) 4-Bromophenyl-phenylether	16.415	248	56813	18.763	ng/ul	97
69) Hexachlorobenzene	16.498	284	68439	18.489	ng/ul	95
70) Atrazine	16.698	200	50015	18.199	ng/ul	97
71) Pentachlorophenol	16.868	266	36218	16.992	ng/ul	94
72) Phenanthrene	17.274	178	266052	18.721	ng/ul	99
74) Anthracene	17.368	178	273480	19.132	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.263	216	80006	19.890	ng/uL	97
76) Pentachlorobenzene	14.768	250	83465	19.776	ng/uL	98
77) Carbazole	17.656	167	212443	17.999	ng/ul	99
78) Di-n-butylphthalate	18.174	149	312768	18.121	ng/ul	98
80) Fluoranthene	19.292	202	328411	17.883	ng/ul	100
82) Pyrene	19.656	202	358669	18.420	ng/ul	99
83) Butylbenzylphthalate	20.539	149	138625	16.668	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.344	252	98968	15.722	ng/ul	100
85) Benzo(a)anthracene	21.397	228	364648	18.887	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	209655	16.615	ng/ul	97
87) Chrysene	21.450	228	341495	18.238	ng/ul	100
89) Di-n-octyl phthalate	22.191	149	365777	16.738	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	354392	19.195	ng/ul	99
91) Benzo(k)fluoranthene	23.097	252	373692	19.014	ng/ul	99
93) Benzo(a)pyrene	23.668	252	350465	19.481	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.238	276	435918	19.497	ng/ul	99
95) Dibenzo(a,h)anthracene	26.244	278	363098	19.588	ng/ul	98
96) Benzo(g,h,i)perylene	26.997	276	346906	19.539	ng/ul	98

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

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