Quantitation Report (Qedit)

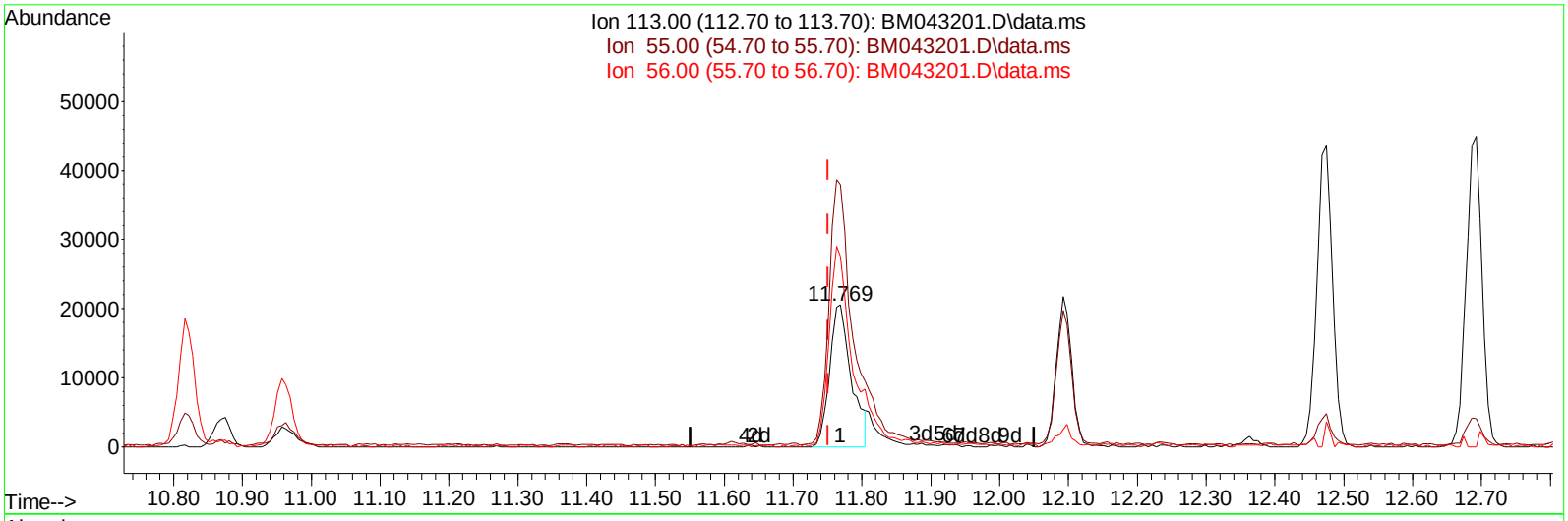
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120823\
Data File : BM043201.D
Acq On : 08 Dec 2023 17:56
Operator : MA/JU
Sample : 05666-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

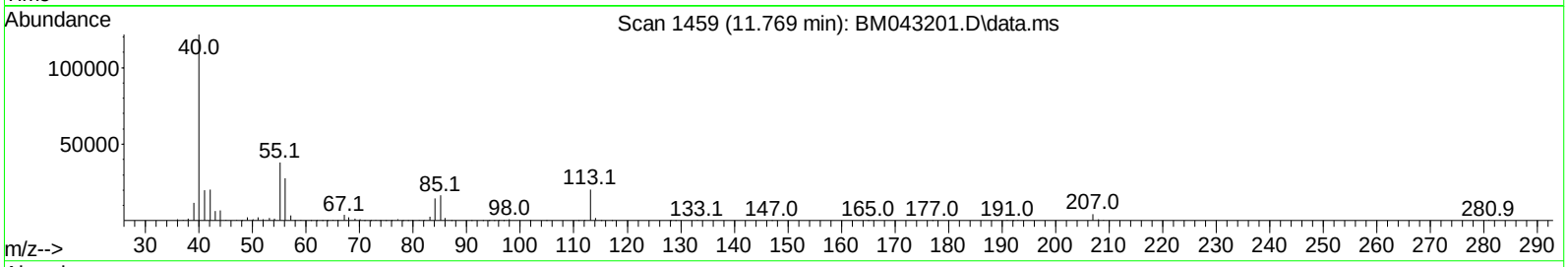
Quant Time: Dec 08 21:41:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 00:42:52 2023
Response via : Initial Calibration

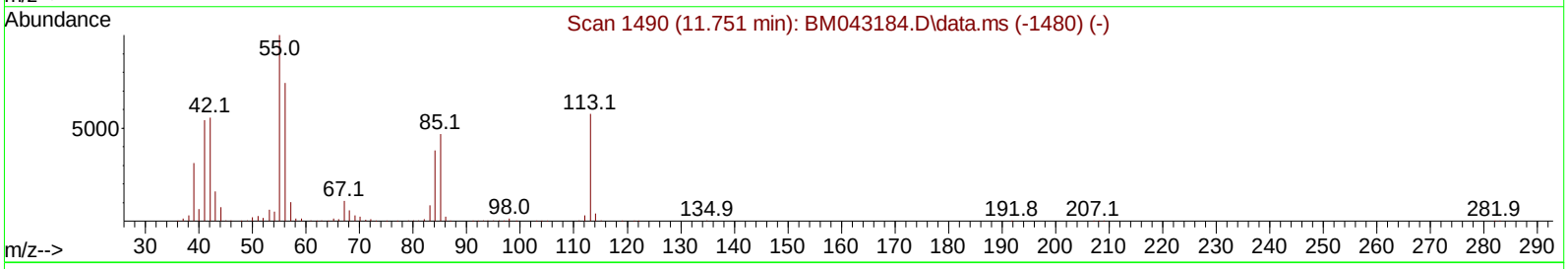
Instrument :
BNA_M
ClientSampleId :
E0Y35MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/11/2023







TIC: BM043201.D\data.ms

(34) Caprolactam

11.769min (+ 0.018) 3.46 ng/ul

response 44745

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	184.95
56.00	129.40	134.52
0.00	0.00	0.00

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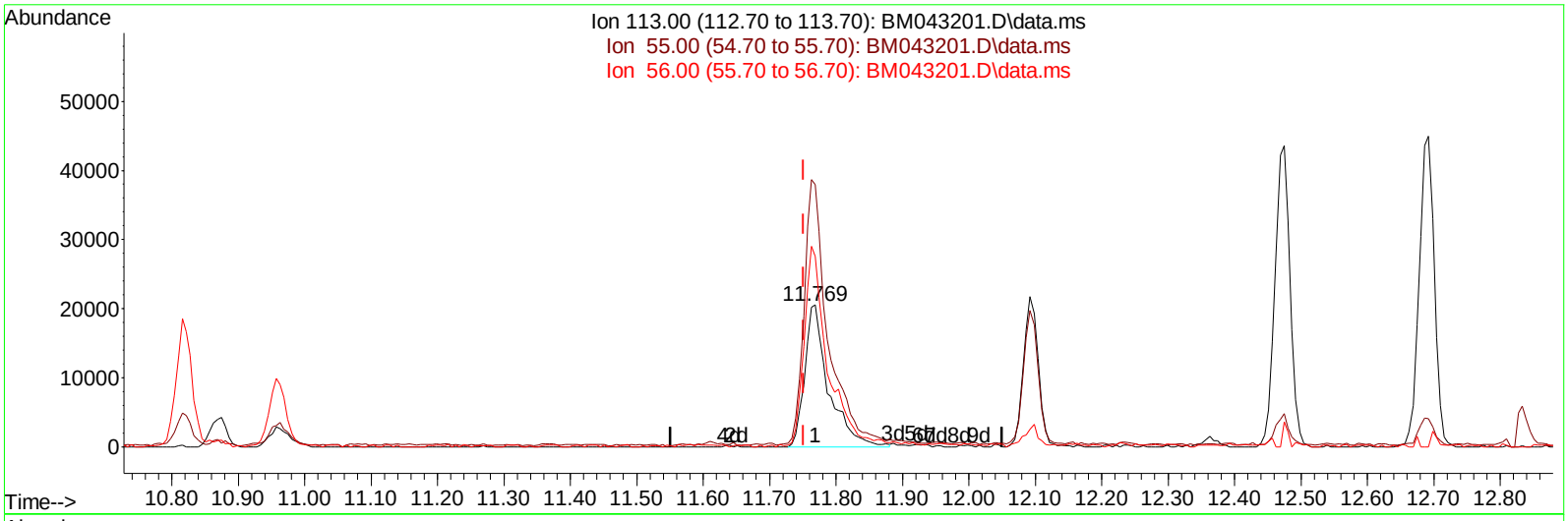

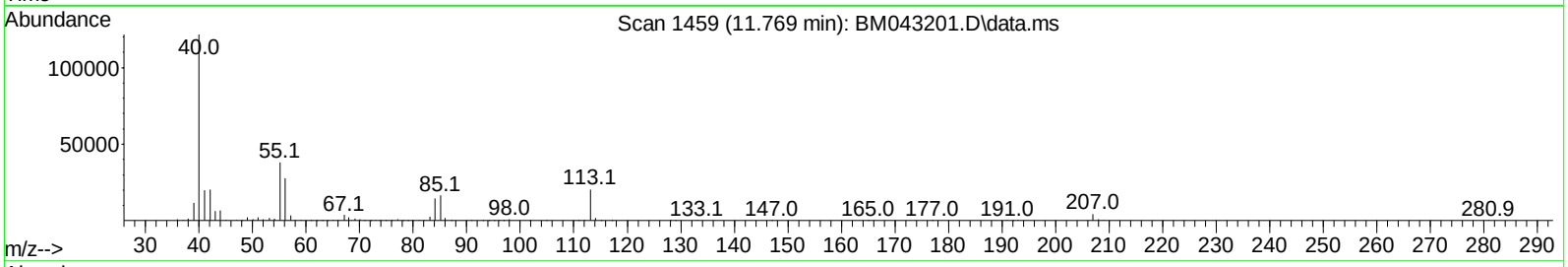

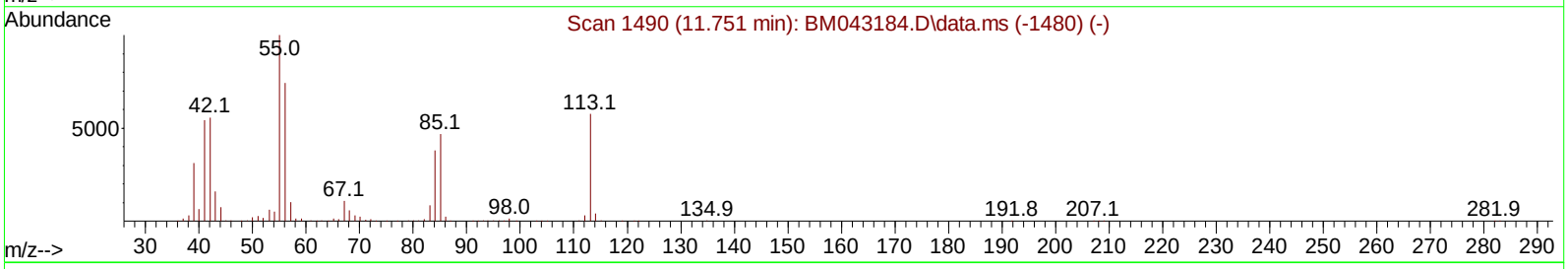

TIC: BM043201.D\data.ms

(34) Caprolactam

11.769min (+ 0.018) 3.96 ng/ul m

response 51162

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	184.95
56.00	129.40	134.52
0.00	0.00	0.00

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Misc :
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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	8.010	152	546746	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	2443320	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	1622619	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	3500539	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	3332671	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	3275801	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	42649	3.061	ng/uL	0.00
4) Pyridine-d5	3.822	84	301052	7.283	ng/ul	0.00
7) Phenol-d5	7.169	99	254411	4.687	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	892619	26.565	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	790365	19.100	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	510207	11.881	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	567860	27.268	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	548225	27.300	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	1085543	24.252	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1489540	23.128	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	4437952	31.201	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	4768767	28.979	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	146033	5.730	ng/ul	0.00
60) Fluorene-d10	15.627	176	3802116	30.665	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	605689	31.438	ng/ul	0.00
73) Anthracene-d10	17.474	188	5975779	31.554	ng/ul	0.00
81) Pyrene-d10	19.751	212	6880584	32.267	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	6278558	32.847	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	52913	3.458	ng/uL	96
5) Pyridine	3.840	79	346044	8.145	ng/ul	96
6) Benzaldehyde	7.151	77	759935	27.202	ng/ul	97
8) Phenol	7.193	94	293181	5.461	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.446	93	1204918	27.838	ng/ul	100
12) 2-Chlorophenol	7.569	128	861458	20.521	ng/ul	99
13) 2-Methylphenol	8.451	108	632543	15.238	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.540	45	2019792	28.067	ng/ul	99
16) Acetophenone	8.845	105	1964143	28.458	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	1067262	28.211	ng/ul	99
18) 4-Methylphenol	8.787	108	590835	13.118	ng/ul	96
19) Hexachloroethane	9.087	117	452683	25.440	ng/ul	95
22) Nitrobenzene	9.228	77	1432421	28.607	ng/ul	99
23) Isophorone	9.751	82	3068305	28.758	ng/ul	99
25) 2-Nitrophenol	9.934	139	629787	28.614	ng/ul	98
26) 2,4-Dimethylphenol	9.992	107	878949	20.369	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.239	93	1789576	28.528	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	1101291	25.350	ng/ul	100
30) Naphthalene	10.869	128	4131962	27.552	ng/ul	100
32) 4-Chloroaniline	10.986	127	1265069	20.825	ng/ul	99
33) Hexachlorobutadiene	11.139	225	704149	26.012	ng/ul	99
34) Caprolactam	11.769	113	51162m	3.961	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	1117997	24.508	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.475	142	3077628	28.524	ng/ul	100
37) 1-Methylnaphthalene	12.692	142	3043707	27.792	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	1571579	28.628	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	737658	23.681	ng/ul	99
41) 2,4,6-Trichlorophenol	13.075	196	1033289	30.248	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	1144958	30.795	ng/ul	99
43) 1,1'-Biphenyl	13.480	154	4266221	29.721	ng/ul	100
44) 2-Chloronaphthalene	13.522	162	3294278	29.607	ng/ul	100
45) 2-Nitroaniline	13.727	65	1032568	35.118	ng/ul	99
47) Dimethylphthalate	14.104	163	4632103	33.203	ng/ul	99
48) 2,6-Dinitrotoluene	14.227	165	908412	35.342	ng/ul	96
50) Acenaphthylene	14.363	152	5789095	31.126	ng/ul	100
51) 3-Nitroaniline	14.551	138	849615	29.795	ng/ul	99
52) Acenaphthene	14.698	153	3838916	31.292	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	380867	32.278	ng/ul	97
55) 4-Nitrophenol	14.839	109	120202	6.522	ng/ul	96
56) Dibenzofuran	15.033	168	5356486	31.964	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	1323790	36.071	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.251	232	1015757	32.868	ng/ul	99
59) Diethylphthalate	15.463	149	4764491	33.953	ng/ul	100
61) Fluorene	15.680	166	4866753	33.549	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.680	204	2360425	32.936	ng/ul	100
63) 4-Nitroaniline	15.710	138	950106	33.161	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	707446	33.581	ng/ul	100
67) N-Nitrosodiphenylamine	15.892	169	3759393	32.025	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	1358819	32.100	ng/ul	98
69) Hexachlorobenzene	16.668	284	1663643	33.122	ng/ul	98
70) Atrazine	16.845	200	981188	29.640	ng/ul	99
71) Pentachlorophenol	17.016	266	921942	31.173	ng/ul	99
72) Phenanthrene	17.415	178	7472302	34.232	ng/ul	99
74) Anthracene	17.510	178	7529243	34.241	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	1621023	29.271	ng/uL	99
76) Pentachlorobenzene	14.945	250	1820523	32.348	ng/uL	98
77) Carbazole	17.780	167	6910933	38.262	ng/ul	99
78) Di-n-butylphthalate	18.351	149	8775157	37.351	ng/ul	100
80) Fluoranthene	19.421	202	8688943	35.521	ng/ul	99
82) Pyrene	19.780	202	8977285	35.281	ng/ul	98
83) Butylbenzylphthalate	20.686	149	3779360	37.339	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.456	252	2720806	34.352	ng/ul	100
85) Benzo(a)anthracene	21.521	228	8888093	34.784	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	6216840	38.910	ng/ul	98
87) Chrysene	21.574	228	7934070	34.765	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	9600428	42.607	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	8256877	35.327	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	8215062	35.290	ng/ul	100
93) Benzo(a)pyrene	23.839	252	7517477	34.797	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.444	276	8419136	34.213	ng/ul	97
95) Dibenzo(a,h)anthracene	26.462	278	7056244	34.294	ng/ul	99
96) Benzo(g,h,i)perylene	27.203	276	6252340	33.723	ng/ul	99

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

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