Quantitation Report (Qedit)

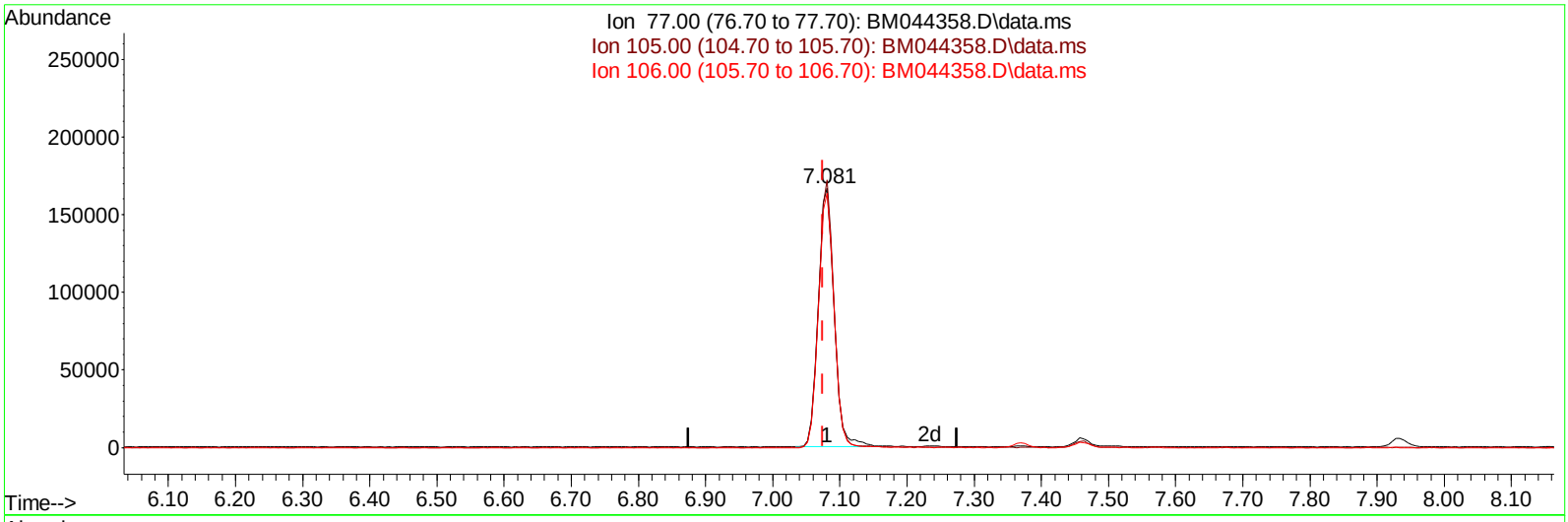
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044358.D
Acq On : 27 Feb 2024 08:43
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 38 Sample Multiplier: 1

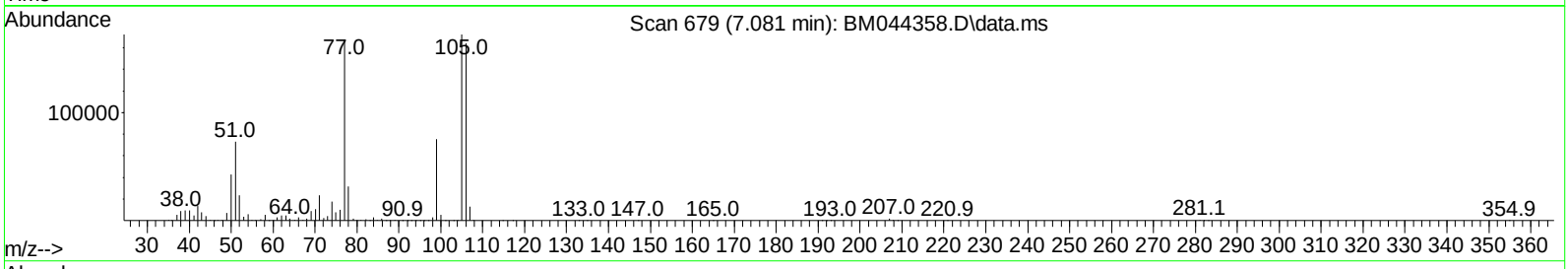
Quant Time: Feb 27 10:11:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 00:07:53 2024
Response via : Initial Calibration

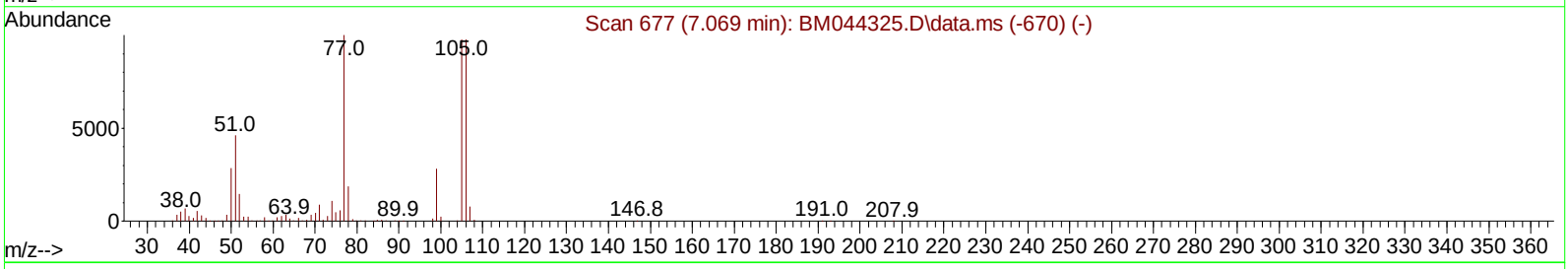
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/27/2024
Supervised By :mohammad ahmed 02/29/2024







TIC: BM044358.D\data.ms

(6) Benzaldehyde

7.081min (+ 0.006) 24.61 ng/ul

response 274642

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	102.95
106.00	96.80	98.01
0.00	0.00	0.00

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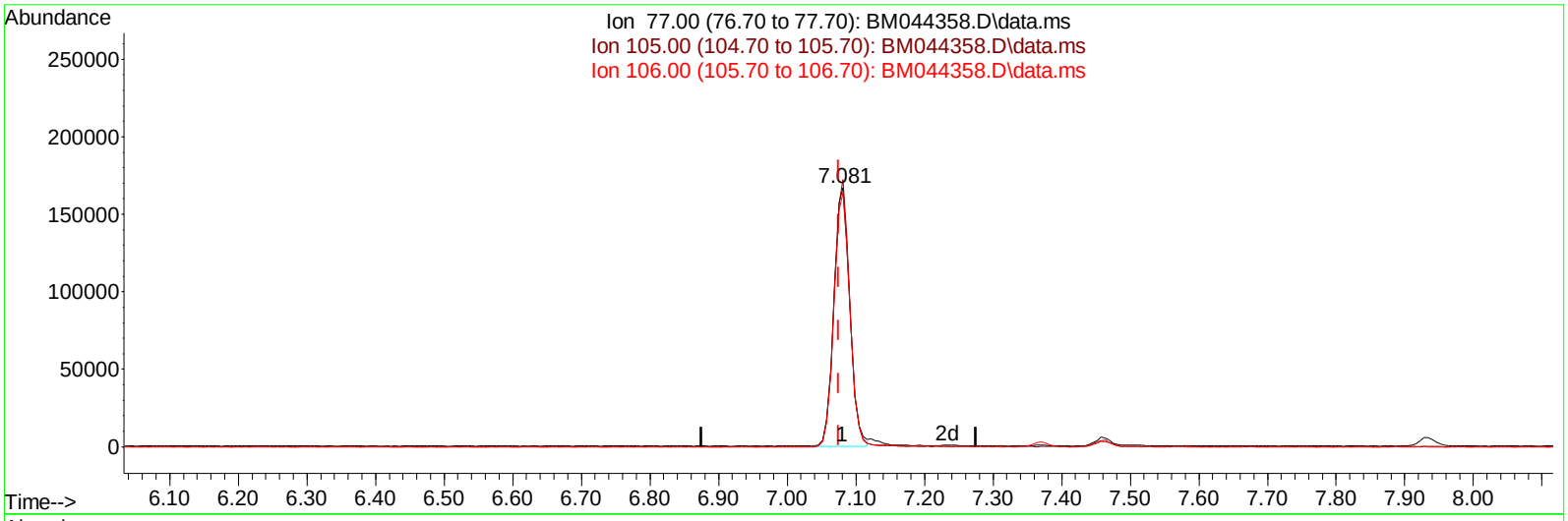

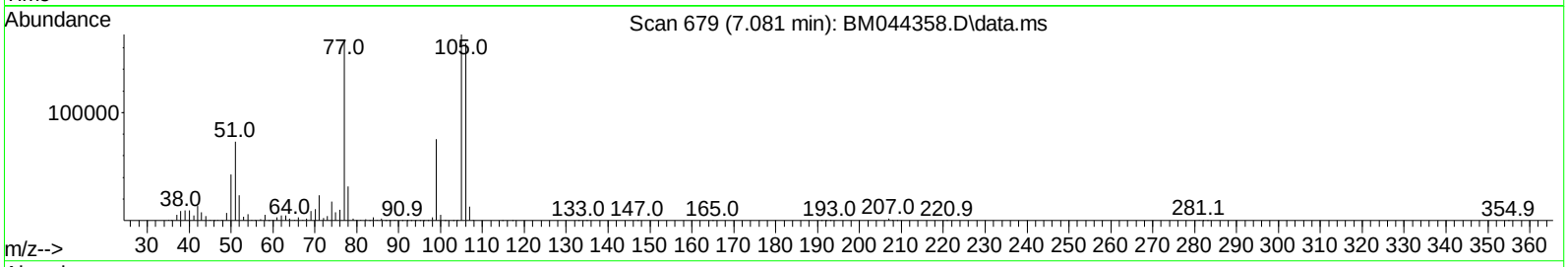

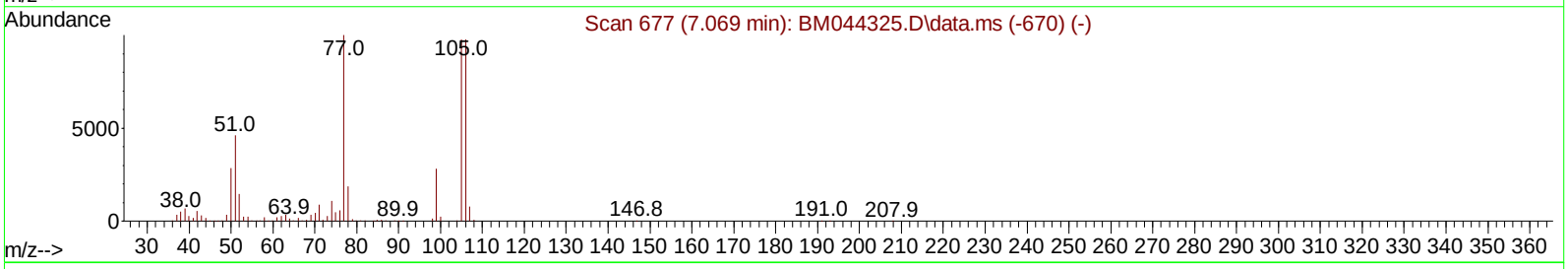

TIC: BM044358.D\data.ms

(6) Benzaldehyde

7.081min (+ 0.006) 24.19 ng/ul m

response 269967

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	102.95
106.00	96.80	98.01
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 38 Sample Multiplier: 1

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Instrument :
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LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	268391	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1163235	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	678104	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.327	188	1436852	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	1250261	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	1386665	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	58458	6.872	ng/uL	0.00
4) Pyridine-d5	3.775	84	409127	17.611	ng/ul	0.00
7) Phenol-d5	7.099	99	483182	18.793	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	298774	17.945	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	389492	20.114	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	372113	19.128	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	190688	20.162	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	208251	21.582	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	350446	20.588	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	547194	19.141	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1015893	19.425	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	1206031	20.043	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	205560	19.753	ng/ul	0.00
60) Fluorene-d10	15.569	176	879309	19.865	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	151676	17.013	ng/ul	0.00
73) Anthracene-d10	17.427	188	1359460	19.843	ng/ul	0.00
81) Pyrene-d10	19.721	212	1524310	20.265	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	1413092	19.888	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	61525	6.862	ng/uL	99
5) Pyridine	3.799	79	430848	17.727	ng/ul	95
6) Benzaldehyde	7.081	77	269967m	24.189	ng/ul	
8) Phenol	7.128	94	507554	18.991	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.369	93	415282	18.564	ng/ul	98
12) 2-Chlorophenol	7.493	128	400165	19.975	ng/ul	97
13) 2-Methylphenol	8.381	108	373757	18.982	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	543902	17.783	ng/ul	98
16) Acetophenone	8.769	105	599367	19.284	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.752	70	302202	19.410	ng/ul	97
18) 4-Methylphenol	8.710	108	403634	19.244	ng/ul	99
19) Hexachloroethane	9.004	117	164184	19.318	ng/ul	95
22) Nitrobenzene	9.146	77	439635	19.220	ng/ul	98
23) Isophorone	9.675	82	865887	19.532	ng/ul	97
25) 2-Nitrophenol	9.857	139	222251	20.767	ng/ul	96
26) 2,4-Dimethylphenol	9.916	107	401142	19.630	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.163	93	548265	19.025	ng/ul	100
29) 2,4-Dichlorophenol	10.387	162	349294	20.276	ng/ul	98
30) Naphthalene	10.787	128	1286358	19.444	ng/ul	100
32) 4-Chloroaniline	10.910	127	536441	19.257	ng/ul	100
33) Hexachlorobutadiene	11.063	225	204458	19.700	ng/ul	98
34) Caprolactam	11.692	113	118895	19.966	ng/ul	93
35) 4-Chloro-3-methylphenol	12.034	107	381362	20.779	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.398	142	833328	19.776	ng/ul	99
37) 1-Methylnaphthalene	12.622	142	820878	19.706	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	390667	19.462	ng/ul	98
40) Hexachlorocyclopentadiene	12.734	237	219348	16.241	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	265929	20.783	ng/ul	98
42) 2,4,5-Trichlorophenol	13.081	196	288367	20.848	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	1049715	19.015	ng/ul	98
44) 2-Chloronaphthalene	13.451	162	839264	19.416	ng/ul	99
45) 2-Nitroaniline	13.669	65	241262	20.159	ng/ul	96
47) Dimethylphthalate	14.045	163	1028226	19.237	ng/ul	100
48) 2,6-Dinitrotoluene	14.169	165	206858	20.694	ng/ul	96
50) Acenaphthylene	14.298	152	1406091	19.729	ng/ul	100
51) 3-Nitroaniline	14.498	138	233346	22.127	ng/ul	92
52) Acenaphthene	14.639	153	912450	19.393	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	103136	16.627	ng/ul	94
55) 4-Nitrophenol	14.798	109	138253	19.338	ng/ul	95
56) Dibenzofuran	14.975	168	1229289	19.462	ng/ul	100
57) 2,4-Dinitrotoluene	14.951	165	306062	21.312	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.198	232	239630	21.527	ng/ul	99
59) Diethylphthalate	15.410	149	1094509	19.893	ng/ul	99
61) Fluorene	15.628	166	1000555	19.723	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.628	204	473417	19.801	ng/ul	99
63) 4-Nitroaniline	15.657	138	241841	23.711	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.710	198	165866	17.007	ng/ul	99
67) N-Nitrosodiphenylamine	15.839	169	848908	19.496	ng/ul	100
68) 4-Bromophenyl-phenylether	16.522	248	281176	19.696	ng/ul	97
69) Hexachlorobenzene	16.622	284	322339	19.727	ng/ul	97
70) Atrazine	16.804	200	283682	19.889	ng/ul	98
71) Pentachlorophenol	16.969	266	212147	19.702	ng/ul	99
72) Phenanthrene	17.369	178	1571326	19.063	ng/ul	100
74) Anthracene	17.463	178	1627784	19.614	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	381404	18.963	ng/uL	98
76) Pentachlorobenzene	14.886	250	369954	19.267	ng/uL	98
77) Carbazole	17.739	167	1515127	19.416	ng/ul	100
78) Di-n-butylphthalate	18.316	149	2038780	20.635	ng/ul	100
80) Fluoranthene	19.386	202	1815708	20.128	ng/ul	99
82) Pyrene	19.751	202	1888544	19.962	ng/ul	99
83) Butylbenzylphthalate	20.674	149	943955	22.214	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	565904	20.236	ng/ul	99
85) Benzo(a)anthracene	21.509	228	1840806	19.741	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1472510	22.634	ng/ul	99
87) Chrysene	21.562	228	1724390	19.673	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	2598646	21.873	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1810953	20.371	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	1758280	19.257	ng/ul	99
93) Benzo(a)pyrene	23.839	252	1685511	19.666	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	2008924	19.382	ng/ul	100
95) Dibenzo(a,h)anthracene	26.486	278	1691249	19.526	ng/ul	99
96) Benzo(g,h,i)perylene	27.233	276	1630116	19.443	ng/ul	97

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

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