Quantitation Report (Qedit)

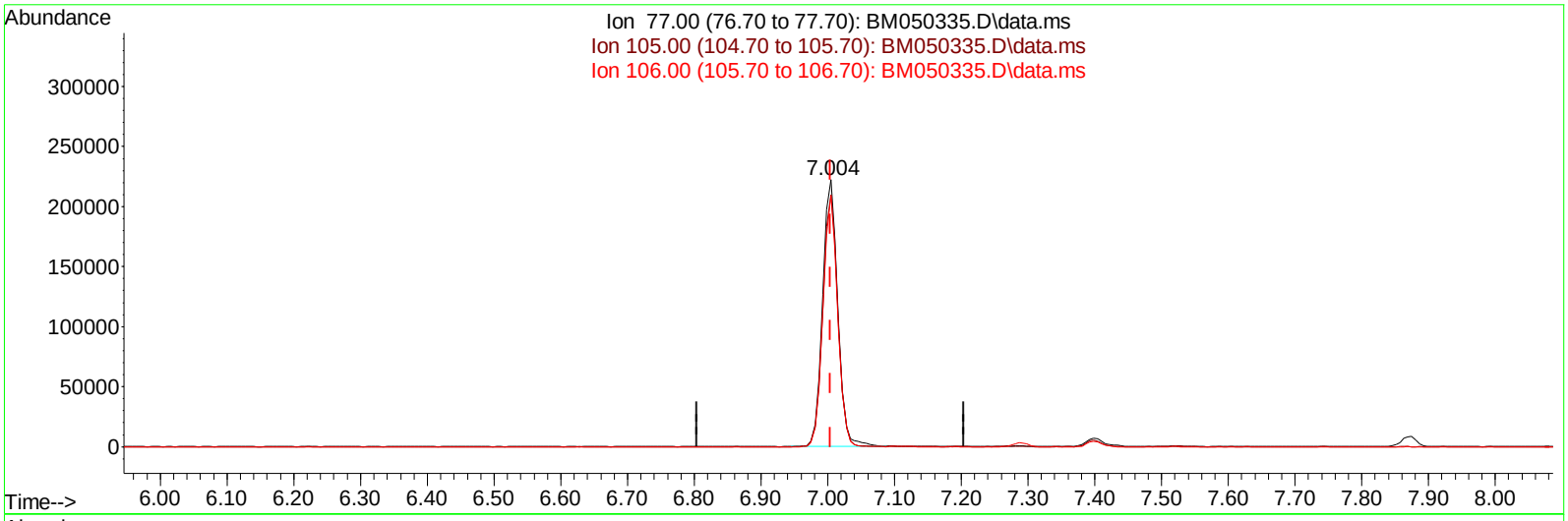
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070125\
Data File : BM050335.D
Acq On : 01 Jul 2025 20:18
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 15 Sample Multiplier: 1

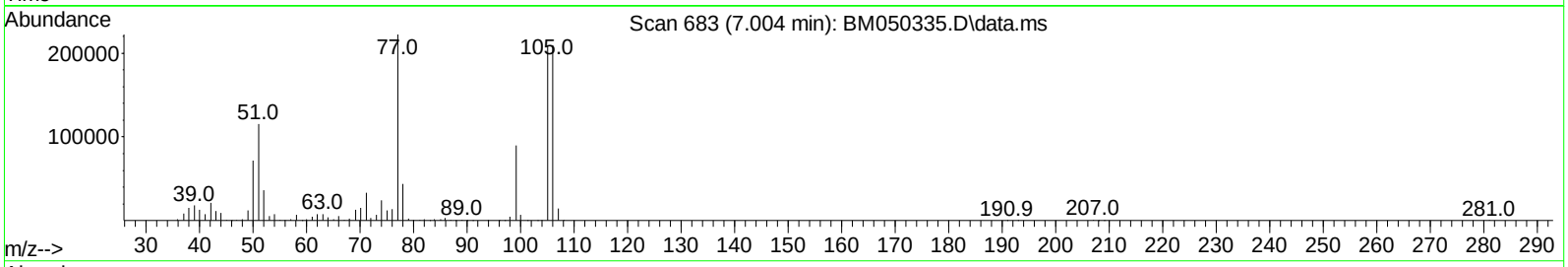
Quant Time: Jul 02 10:44:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM070125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 15:14:38 2025
Response via : Initial Calibration

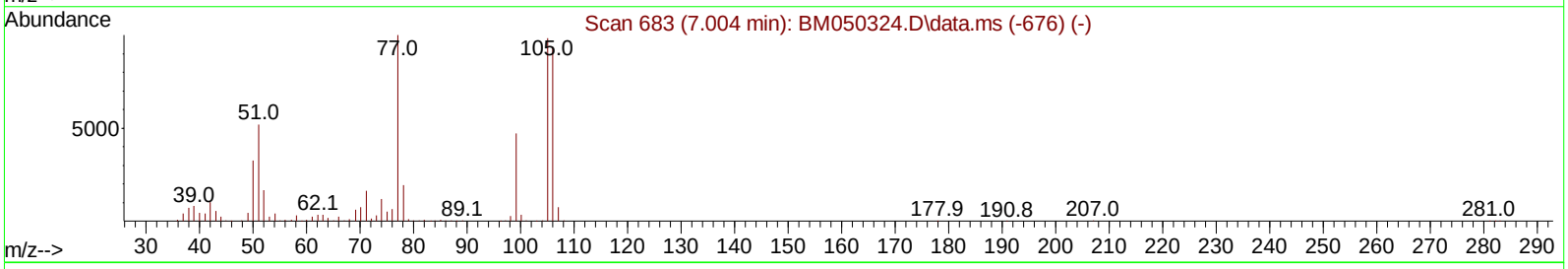
Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025







TIC: BM050335.D\data.ms

(6) Benzaldehyde

7.004min (-0.000) 24.49 ng/ul

response 350644

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.60	94.39
106.00	93.60	94.15
0.00	0.00	0.00

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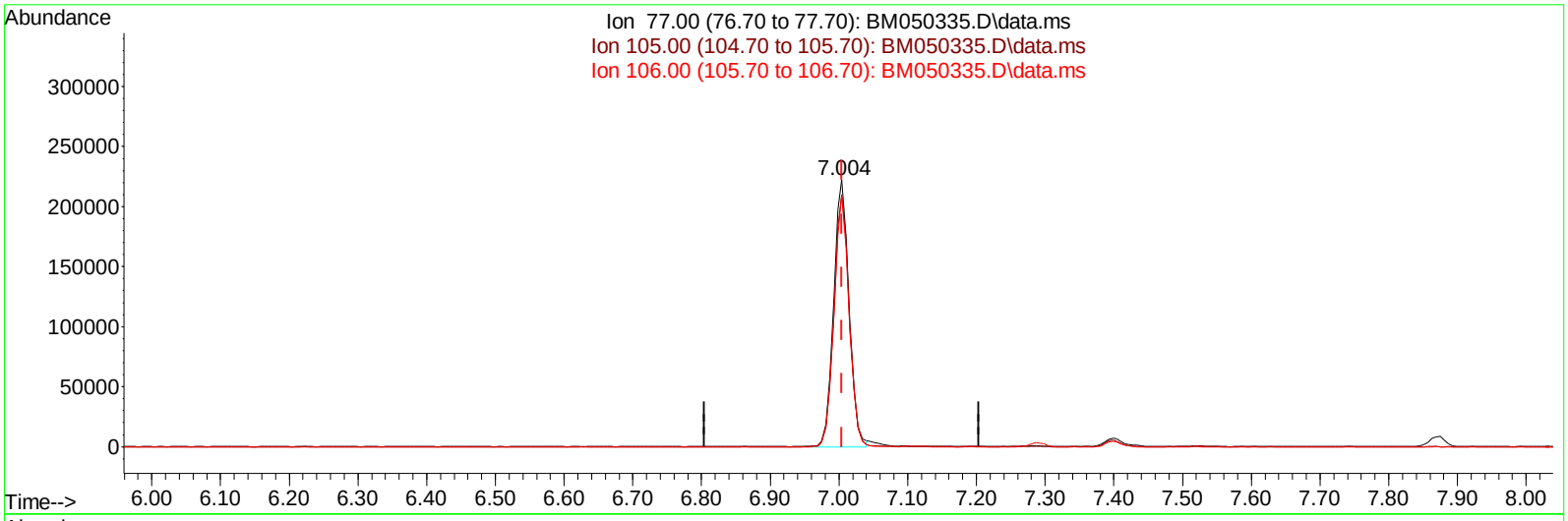

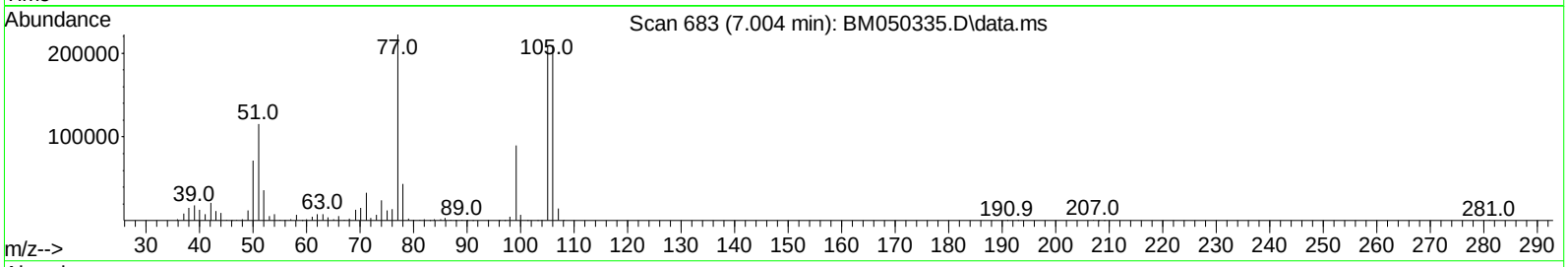

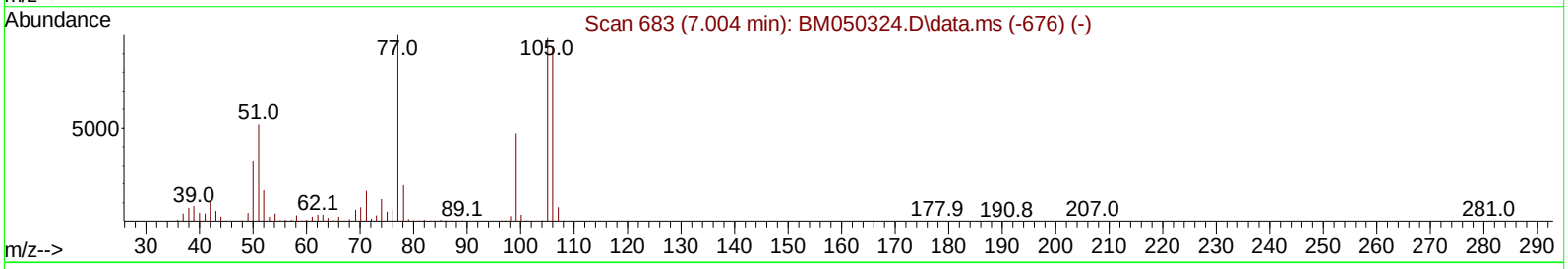

TIC: BM050335.D\data.ms

(6) Benzaldehyde

7.004min (-0.000) 24.17 ng/ul m

response 346107

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.60	94.39
106.00	93.60	94.15
0.00	0.00	0.00

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Sample : SSTDCCC020EC
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 02 10:48:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM070125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 15:14:38 2025
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	7.869	152	357991	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1362748	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	851993	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1649239	20.000	ng/ul	0.00
79) Chrysene-d12	21.450	240	1714619	20.000	ng/ul	0.00
88) Perylene-d12	24.485	264	1736962	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	72050	8.307	ng/uL	0.00
4) Pyridine-d5	3.710	84	503634	21.448	ng/ul	0.00
7) Phenol-d5	7.022	99	544980	20.998	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	367480	22.328	ng/ul	0.00
11) 2-Chlorophenol-d4	7.398	132	442112	20.915	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	417164	21.098	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	185805	19.718	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	167140	19.029	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	418498	19.604	ng/ul	0.00
31) 4-Chloroaniline-d4	10.786	131	597570	21.070	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1160529	19.999	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	1432537	20.161	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	206073	19.759	ng/ul	0.00
60) Fluorene-d10	15.480	176	1067361	20.261	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	112089	15.735	ng/ul	0.00
73) Anthracene-d10	17.321	188	1661182	20.312	ng/ul	0.00
81) Pyrene-d10	19.603	212	1802337	19.677	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.280	264	1740600	19.766	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	78097	8.677	ng/uL	98
5) Pyridine	3.734	79	535070	21.843	ng/ul	98
6) Benzaldehyde	7.004	77	346107m	24.172	ng/ul	
8) Phenol	7.045	94	583702	21.463	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.287	93	464883	21.764	ng/ul	97
12) 2-Chlorophenol	7.428	128	464346	20.943	ng/ul	97
13) 2-Methylphenol	8.304	108	410758	20.935	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.398	45	749910	22.479	ng/ul	98
16) Acetophenone	8.687	105	707349	22.316	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	348197	21.173	ng/ul	99
18) 4-Methylphenol	8.628	108	449208	21.076	ng/ul	99
19) Hexachloroethane	8.957	117	194905	21.319	ng/ul	98
22) Nitrobenzene	9.063	77	509101	20.905	ng/ul	99
23) Isophorone	9.592	82	908867	20.436	ng/ul	100
25) 2-Nitrophenol	9.775	139	203511	19.558	ng/ul	99
26) 2,4-Dimethylphenol	9.834	107	480330	20.628	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.075	93	586882	20.458	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	421999	19.857	ng/ul	98
30) Naphthalene	10.716	128	1418713	20.242	ng/ul	100
32) 4-Chloroaniline	10.810	127	598108	20.843	ng/ul	100
33) Hexachlorobutadiene	11.010	225	290549	19.470	ng/ul	98
34) Caprolactam	11.557	113	119044	19.257	ng/ul	98
35) 4-Chloro-3-methylphenol	11.933	107	401054	20.636	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.322	142	970343	19.909	ng/ul	96
37) 1-Methylnaphthalene	12.545	142	963581	19.967	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.692	216	529007	19.088	ng/ul	96
40) Hexachlorocyclopentadiene	12.680	237	262104	18.136	ng/ul	99
41) 2,4,6-Trichlorophenol	12.927	196	314148	19.776	ng/ul	100
42) 2,4,5-Trichlorophenol	12.992	196	342843	19.415	ng/ul	97
43) 1,1'-Biphenyl	13.333	154	1258553	20.052	ng/ul	98
44) 2-Chloronaphthalene	13.374	162	1014720	20.187	ng/ul	99
45) 2-Nitroaniline	13.563	65	236456	20.374	ng/ul	98
47) Dimethylphthalate	13.951	163	1174632	20.344	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	184844	19.600	ng/ul	96
50) Acenaphthylene	14.216	152	1611407	20.355	ng/ul	99
51) 3-Nitroaniline	14.380	138	209012	20.457	ng/ul	98
52) Acenaphthene	14.557	153	1042160	20.347	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	63013	14.903	ng/ul	92
55) 4-Nitrophenol	14.680	109	173025	21.197	ng/ul	96
56) Dibenzofuran	14.892	168	1494241	20.260	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	287491	20.427	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.110	232	267598	19.616	ng/ul	97
59) Diethylphthalate	15.310	149	1122264	20.683	ng/ul	100
61) Fluorene	15.539	166	1243751	20.306	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	629563	20.109	ng/ul	99
63) 4-Nitroaniline	15.539	138	224603	22.239	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.598	198	133035	16.592	ng/ul	99
67) N-Nitrosodiphenylamine	15.739	169	1018383	20.092	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	340900	18.980	ng/ul	99
69) Hexachlorobenzene	16.539	284	415983	19.282	ng/ul	95
70) Atrazine	16.686	200	337601	19.475	ng/ul	99
71) Pentachlorophenol	16.874	266	226682	18.491	ng/ul	98
72) Phenanthrene	17.268	178	1890950	20.143	ng/ul	99
74) Anthracene	17.357	178	1924844	20.261	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	525803	18.833	ng/uL	99
76) Pentachlorobenzene	14.810	250	512067	19.479	ng/uL	98
77) Carbazole	17.621	167	1714330	20.623	ng/ul	100
78) Di-n-butylphthalate	18.198	149	1739789	20.727	ng/ul	100
80) Fluoranthene	19.274	202	2040710	19.365	ng/ul	99
82) Pyrene	19.633	202	2275096	19.903	ng/ul	99
83) Butylbenzylphthalate	20.533	149	633562	19.650	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.350	252	601153	19.333	ng/ul	100
85) Benzo(a)anthracene	21.433	228	2246901	20.084	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.368	149	1033371	20.485	ng/ul	98
87) Chrysene	21.492	228	2116466	20.013	ng/ul	100
89) Di-n-octyl phthalate	22.521	149	1526118	17.561	ng/ul	100
90) Benzo(b)fluoranthene	23.527	252	2060355	19.672	ng/ul	99
91) Benzo(k)fluoranthene	23.586	252	2156510	20.208	ng/ul	100
93) Benzo(a)pyrene	24.344	252	2035393	20.293	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.926	276	2468283	19.907	ng/ul	98
95) Dibenzo(a,h)anthracene	27.985	278	2069480	20.092	ng/ul	99
96) Benzo(g,h,i)perylene	28.985	276	2018860	20.244	ng/ul	99

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

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