Quantitation Report (Qedit)

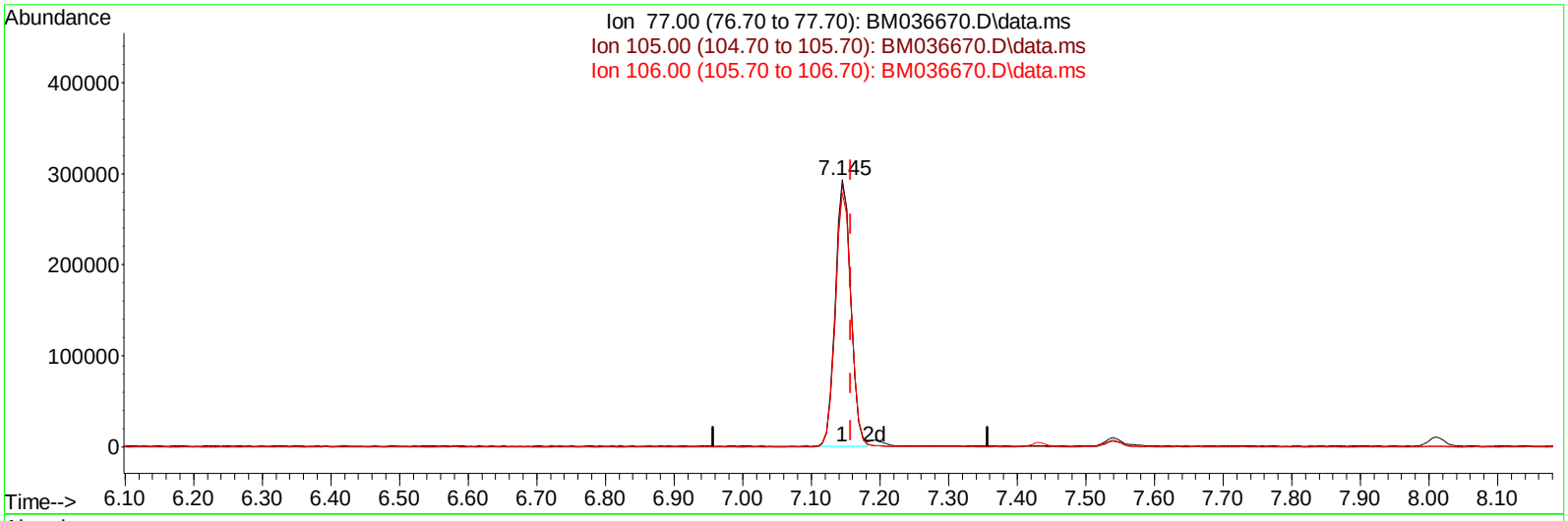
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036670.D
Acq On : 23 Sep 2022 10:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

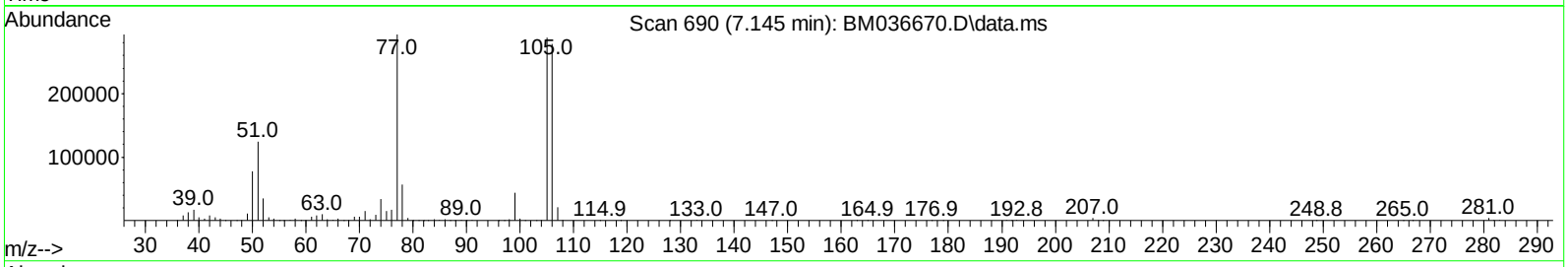
Quant Time: Sep 23 23:34:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration

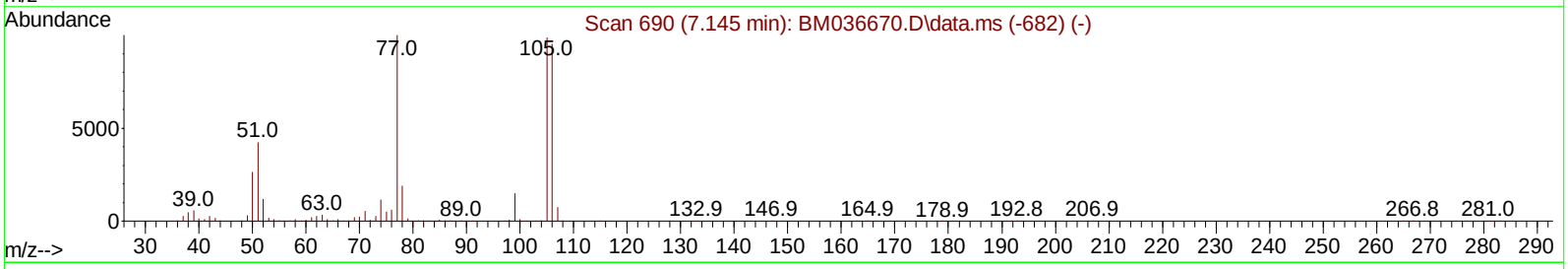
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
Supervised By :mohammad ahmed 09/26/2022







TIC: BM036670.D\data.ms

(6) Benzaldehyde

7.145min (-0.012) 25.46 ng/ul

response 461784

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.38
106.00	91.30	95.05
0.00	0.00	0.00

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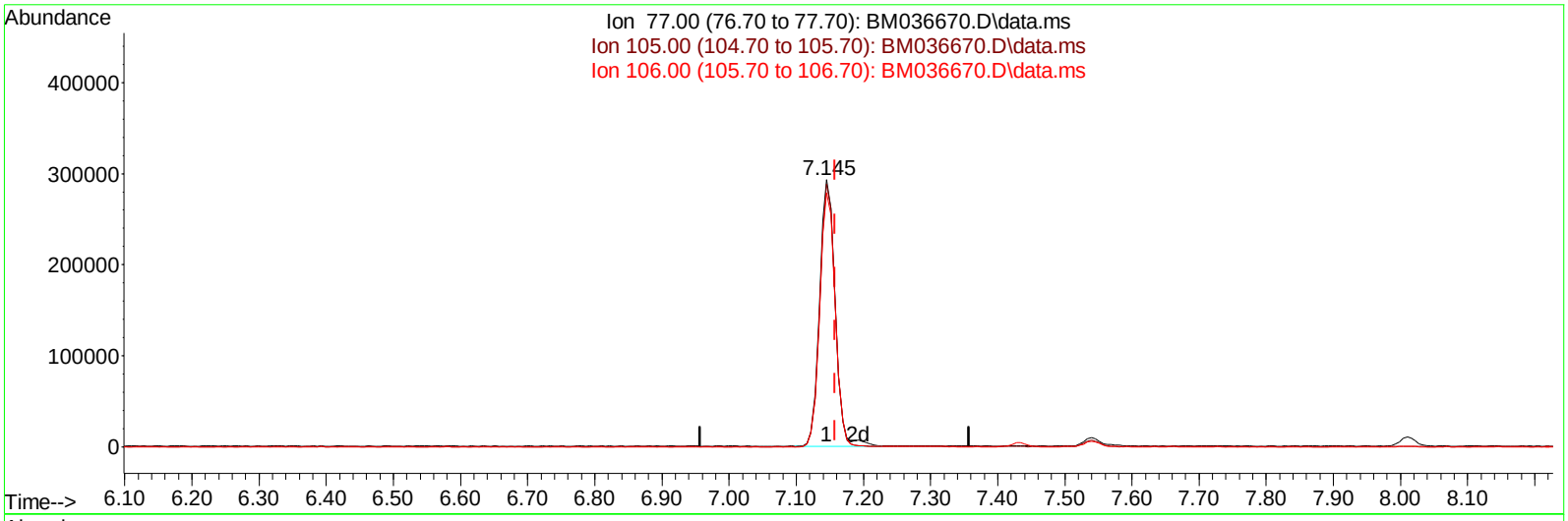

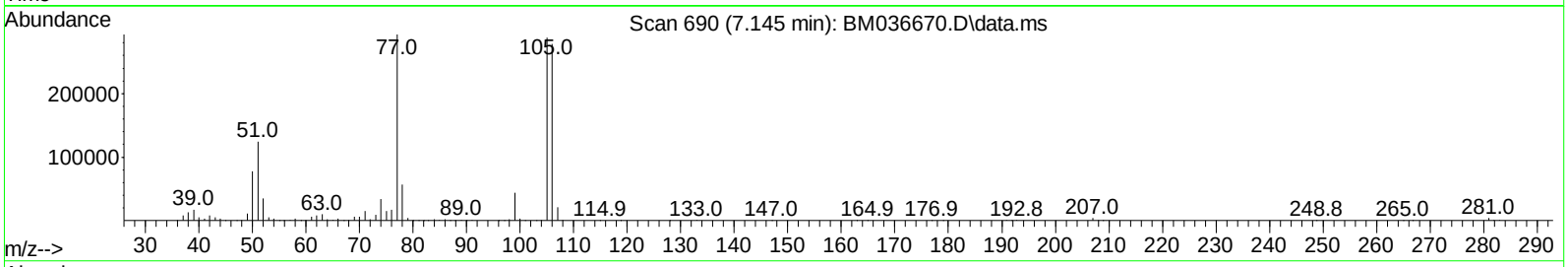

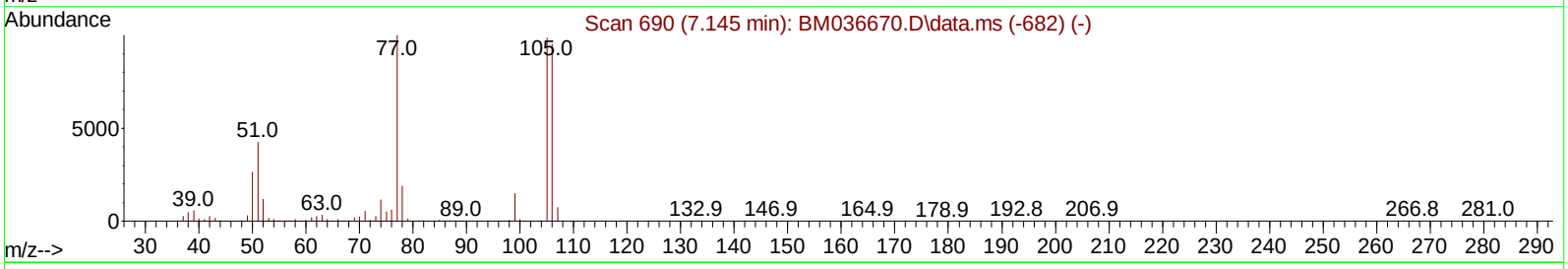

TIC: BM036670.D\data.ms

(6) Benzaldehyde

7.145min (-0.012) 26.18 ng/ul m

response 474842

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.38
106.00	91.30	95.05
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	8.010	152	419185	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.828	136	1833741	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	1108447	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	2198063	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1675225	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	1420793	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	84374	7.546	ng/uL	0.00
4) Pyridine-d5	3.816	84	657805	20.171	ng/ul	0.00
7) Phenol-d5	7.169	99	761497	20.328	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	456043	20.046	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	579941	21.503	ng/ul	-0.01
15) 4-Methylphenol-d8	8.722	113	582746	21.053	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	281848	22.708	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	275405	24.772	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	559050	21.698	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.963	131	827567	19.319	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	1490856	19.942	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	1811702	20.430	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	270048	18.624	ng/ul	0.00
60) Fluorene-d10	15.627	176	1355399	20.231	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	164149	18.875	ng/ul	0.00
73) Anthracene-d10	17.474	188	2031147	20.210	ng/ul	0.00
81) Pyrene-d10	19.756	212	2050404	24.879	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	1435322	20.678	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	92135	7.649	ng/uL	97
5) Pyridine	3.834	79	658798	20.107	ng/ul	97
6) Benzaldehyde	7.145	77	474842m	26.177	ng/ul	
8) Phenol	7.192	94	815835	20.292	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	636080	20.334	ng/ul	99
12) 2-Chlorophenol	7.575	128	629473	21.576	ng/ul	97
13) 2-Methylphenol	8.457	108	599592	20.290	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.545	45	733340	19.780	ng/ul	99
16) Acetophenone	8.839	105	974612	20.300	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	477514	20.612	ng/ul	96
18) 4-Methylphenol	8.787	108	660540	20.670	ng/ul	98
19) Hexachloroethane	9.098	117	240418	20.345	ng/ul	98
22) Nitrobenzene	9.222	77	710796	21.570	ng/ul	97
23) Isophorone	9.751	82	1280728	19.061	ng/ul	100
25) 2-Nitrophenol	9.934	139	320938	23.372	ng/ul	99
26) 2,4-Dimethylphenol	9.992	107	708280	20.913	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.233	93	812171	20.280	ng/ul	100
29) 2,4-Dichlorophenol	10.469	162	582218	21.495	ng/ul	99
30) Naphthalene	10.875	128	2044496	20.466	ng/ul	100
32) 4-Chloroaniline	10.986	127	854885	19.330	ng/ul	99
33) Hexachlorobutadiene	11.163	225	329033	19.862	ng/ul	99
34) Caprolactam	11.769	113	159492	18.153	ng/ul	98
35) 4-Chloro-3-methylphenol	12.104	107	620806	20.763	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.480	142	1353116	20.330	ng/ul	98
37) 1-Methylnaphthalene	12.698	142	1353164	20.224	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.839	216	650790	20.743	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	236129	14.442	ng/ul	98
41) 2,4,6-Trichlorophenol	13.080	196	419474	21.837	ng/ul	100
42) 2,4,5-Trichlorophenol	13.151	196	454912	22.088	ng/ul	99
43) 1,1'-Biphenyl	13.480	154	1721536	21.069	ng/ul	100
44) 2-Chloronaphthalene	13.522	162	1347950	21.023	ng/ul	99
45) 2-Nitroaniline	13.722	65	367559	23.290	ng/ul	98
47) Dimethylphthalate	14.098	163	1581748	19.946	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	295908	22.951	ng/ul	100
50) Acenaphthylene	14.363	152	2070286	20.420	ng/ul	100
51) 3-Nitroaniline	14.545	138	348100	22.512	ng/ul#	95
52) Acenaphthene	14.704	153	1438026	20.272	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	100542	17.575	ng/ul	96
55) 4-Nitrophenol	14.845	109	231392	18.668	ng/ul	96
56) Dibenzofuran	15.033	168	1961633	20.591	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	430437	22.964	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.257	232	355282	20.608	ng/ul	96
59) Diethylphthalate	15.457	149	1561954	19.676	ng/ul	99
61) Fluorene	15.680	166	1654961	20.397	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.674	204	772693	19.913	ng/ul	98
63) 4-Nitroaniline	15.698	138	355526	23.664	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.757	198	181697	18.515	ng/ul	98
67) N-Nitrosodiphenylamine	15.886	169	1341933	20.728	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	411297	18.984	ng/ul	97
69) Hexachlorobenzene	16.680	284	487082	19.008	ng/ul	95
70) Atrazine	16.839	200	424748	18.593	ng/ul	97
71) Pentachlorophenol	17.021	266	260021	17.083	ng/ul	98
72) Phenanthrene	17.421	178	2465620	20.365	ng/ul	99
74) Anthracene	17.509	178	2488537	20.222	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	641899	21.351	ng/uL	100
76) Pentachlorobenzene	14.957	250	668670	20.564	ng/uL	99
77) Carbazole	17.780	167	2221713	19.500	ng/ul	100
78) Di-n-butylphthalate	18.345	149	2565903	19.869	ng/ul	100
80) Fluoranthene	19.427	202	2589418	25.640	ng/ul	99
82) Pyrene	19.786	202	2686542	25.131	ng/ul	99
83) Butylbenzylphthalate	20.686	149	992030	24.490	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.462	252	658604	20.121	ng/ul	99
85) Benzo(a)anthracene	21.533	228	2204612	21.004	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	1471296	24.865	ng/ul	99
87) Chrysene	21.586	228	2046847	20.545	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	2190016	25.568	ng/ul	100
90) Benzo(b)fluoranthene	23.244	252	1961342	21.769	ng/ul	99
91) Benzo(k)fluoranthene	23.291	252	1868004	20.749	ng/ul	99
93) Benzo(a)pyrene	23.880	252	1644083	20.757	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.532	276	1839233	19.885	ng/ul	96
95) Dibenzo(a,h)anthracene	26.550	278	1686676	20.108	ng/ul	98
96) Benzo(g,h,i)perylene	27.309	276	1587641	19.800	ng/ul	98

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

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