Quantitation Report (Qedit)

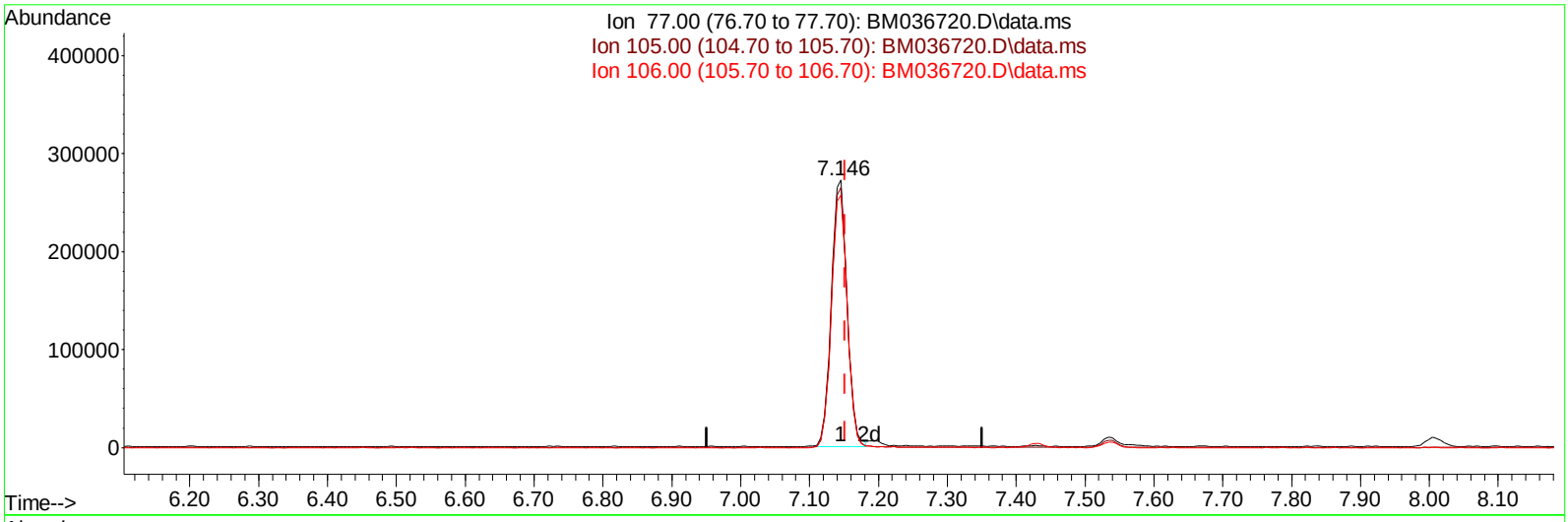
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036720.D
Acq On : 24 Sep 2022 18:11
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 53 Sample Multiplier: 1

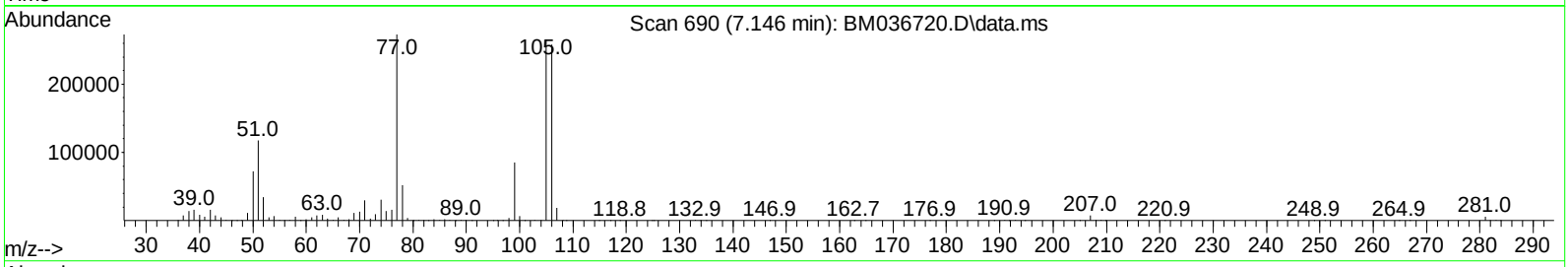
Quant Time: Sep 26 01:12:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 24 00:41:16 2022
Response via : Initial Calibration

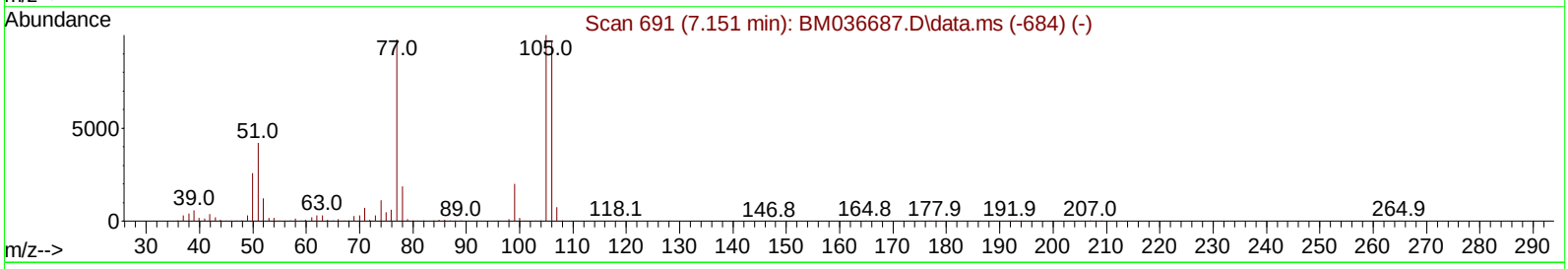
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BM036720.D\data.ms

(6) Benzaldehyde

7.146min (-0.005) 24.37 ng/ul

response 425761

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	97.23
106.00	91.30	94.46
0.00	0.00	0.00

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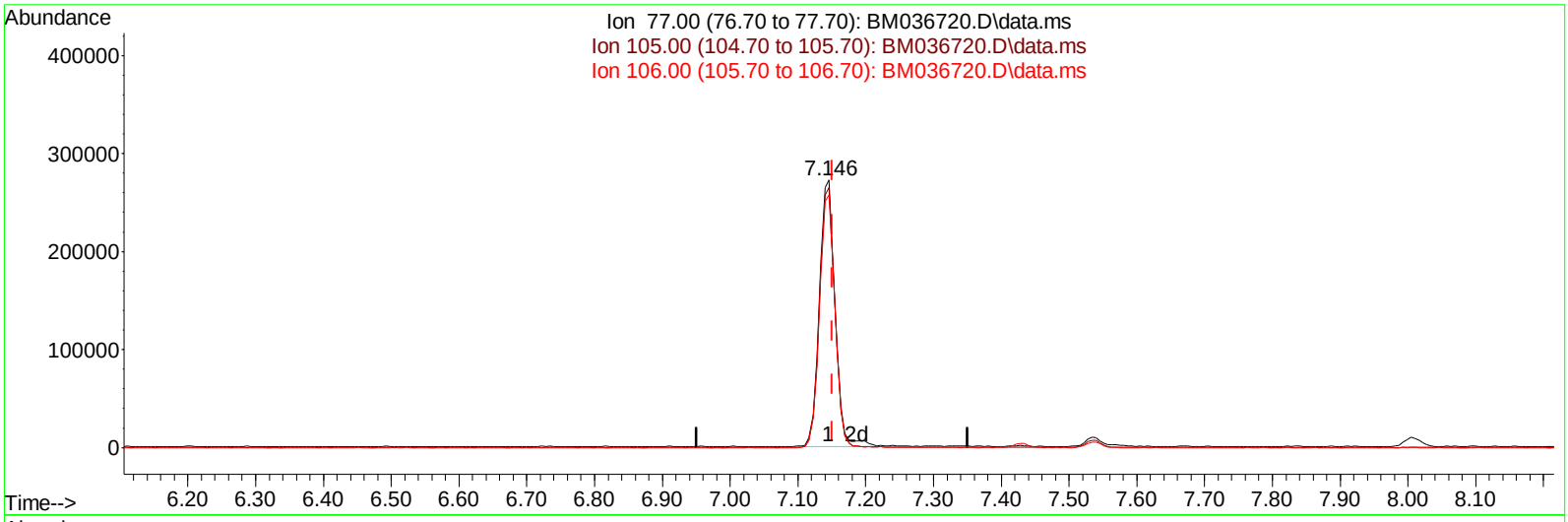

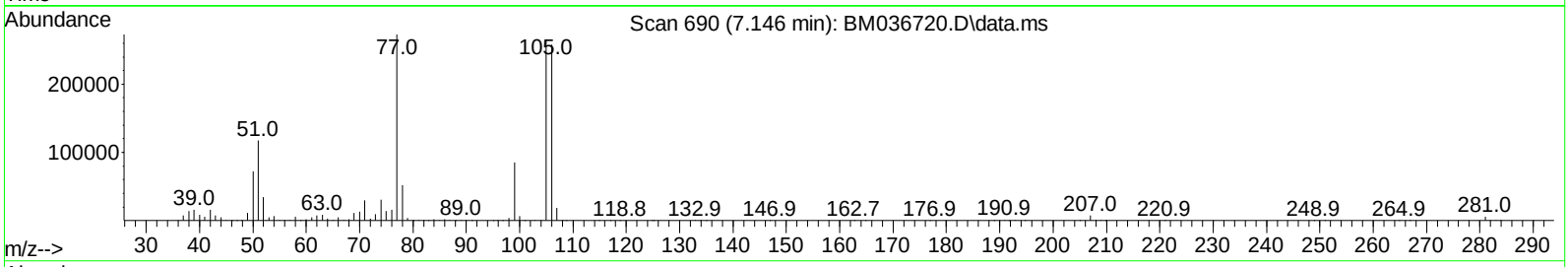

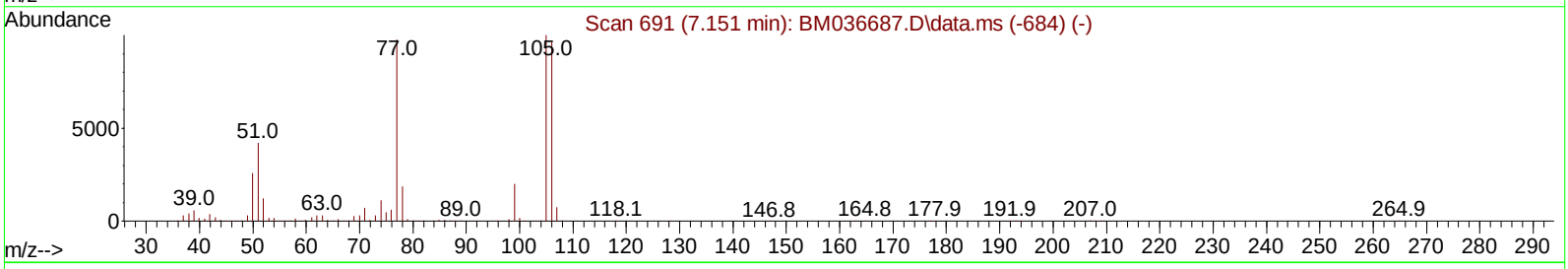

TIC: BM036720.D\data.ms

(6) Benzaldehyde

7.146min (-0.005) 24.94 ng/ul m

response 435759

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	97.23
106.00	91.30	94.46
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	8.004	152	403685	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1746464	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	1040873	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	2007464	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1501291	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1272736	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	82163	7.630	ng/uL	0.00
4) Pyridine-d5	3.816	84	635942	20.249	ng/ul	0.00
7) Phenol-d5	7.163	99	780939	21.648	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	466868	21.310	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	598593	23.047	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	601663	22.571	ng/ul	-0.01
21) Nitrobenzene-d5	9.175	128	292926	24.780	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	285713	26.984	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	572621	23.336	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.957	131	857541	21.019	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	1520268	21.656	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	1837839	22.071	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	274574	20.165	ng/ul	-0.01
60) Fluorene-d10	15.622	176	1362301	21.654	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	168673	21.237	ng/ul	0.00
73) Anthracene-d10	17.469	188	2003039	21.823	ng/ul	0.00
81) Pyrene-d10	19.751	212	1991367	26.962	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	1385022	22.274	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	90001	7.759	ng/uL	97
5) Pyridine	3.834	79	643845	20.406	ng/ul	96
6) Benzaldehyde	7.146	77	435759m	24.944	ng/ul	
8) Phenol	7.193	94	838009	21.644	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	650288	21.586	ng/ul	99
12) 2-Chlorophenol	7.569	128	646520	23.012	ng/ul	98
13) 2-Methylphenol	8.451	108	621930	21.853	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	761009	21.314	ng/ul	98
16) Acetophenone	8.834	105	1003970	21.714	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.822	70	492920	22.094	ng/ul	97
18) 4-Methylphenol	8.781	108	684370	22.238	ng/ul	99
19) Hexachloroethane	9.093	117	245904	21.609	ng/ul	97
22) Nitrobenzene	9.216	77	743295	23.683	ng/ul	99
23) Isophorone	9.751	82	1331721	20.810	ng/ul	100
25) 2-Nitrophenol	9.928	139	333073	25.468	ng/ul	98
26) 2,4-Dimethylphenol	9.987	107	732837	22.720	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	843377	22.111	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	599394	23.235	ng/ul	98
30) Naphthalene	10.869	128	2095051	22.021	ng/ul	100
32) 4-Chloroaniline	10.981	127	880036	20.893	ng/ul	100
33) Hexachlorobutadiene	11.151	225	334642	21.210	ng/ul	98
34) Caprolactam	11.763	113	166110	19.851	ng/ul	97
35) 4-Chloro-3-methylphenol	12.098	107	642711	22.570	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.469	142	1382871	21.815	ng/ul	99
37) 1-Methylnaphthalene	12.687	142	1380176	21.658	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.834	216	663276	22.514	ng/ul	98
40) Hexachlorocyclopentadiene	12.816	237	257681	16.783	ng/ul	99
41) 2,4,6-Trichlorophenol	13.075	196	427843	23.718	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	463159	23.948	ng/ul	99
43) 1,1'-Biphenyl	13.475	154	1751938	22.833	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	1371074	22.772	ng/ul	99
45) 2-Nitroaniline	13.716	65	387334	26.137	ng/ul	98
47) Dimethylphthalate	14.092	163	1619752	21.751	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	304420	25.144	ng/ul	98
50) Acenaphthylene	14.357	152	2115896	22.225	ng/ul	100
51) 3-Nitroaniline	14.539	138	342255	23.571	ng/ul#	96
52) Acenaphthene	14.698	153	1475980	22.157	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	103120	19.196	ng/ul	98
55) 4-Nitrophenol	14.839	109	230833	19.832	ng/ul	97
56) Dibenzofuran	15.028	168	1983388	22.171	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	438535	24.915	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.251	232	362039	22.363	ng/ul#	96
59) Diethylphthalate	15.451	149	1601147	21.479	ng/ul	100
61) Fluorene	15.675	166	1675589	21.992	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.669	204	782532	21.475	ng/ul	99
63) 4-Nitroaniline	15.692	138	320068	22.687	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	185682	20.717	ng/ul	97
67) N-Nitrosodiphenylamine	15.880	169	1348881	22.814	ng/ul	98
68) 4-Bromophenyl-phenylether	16.563	248	405288	20.483	ng/ul	99
69) Hexachlorobenzene	16.674	284	491028	20.982	ng/ul	99
70) Atrazine	16.833	200	429255	20.574	ng/ul	98
71) Pentachlorophenol	17.016	266	261701	18.826	ng/ul	99
72) Phenanthrene	17.410	178	2453939	22.193	ng/ul	99
74) Anthracene	17.504	178	2493574	22.187	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.439	216	649834	23.668	ng/uL	99
76) Pentachlorobenzene	14.945	250	669290	22.538	ng/uL	99
77) Carbazole	17.769	167	2169636	20.851	ng/ul	100
78) Di-n-butylphthalate	18.333	149	2605051	22.088	ng/ul	100
80) Fluoranthene	19.415	202	2508428	27.716	ng/ul	100
82) Pyrene	19.780	202	2626122	27.412	ng/ul	100
83) Butylbenzylphthalate	20.674	149	996952	27.463	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.457	252	630794	21.504	ng/ul	97
85) Benzo(a)anthracene	21.521	228	2118315	22.520	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	1529561	28.844	ng/ul	100
87) Chrysene	21.574	228	1961721	21.972	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	2204722	28.734	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1824441	22.605	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	1808115	22.420	ng/ul	98
93) Benzo(a)pyrene	23.862	252	1578741	22.251	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.509	276	1731074	20.893	ng/ul	96
95) Dibenzo(a,h)anthracene	26.527	278	1574614	20.955	ng/ul	98
96) Benzo(g,h,i)perylene	27.286	276	1505543	20.960	ng/ul	98

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

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