Quantitation Report (Qedit)

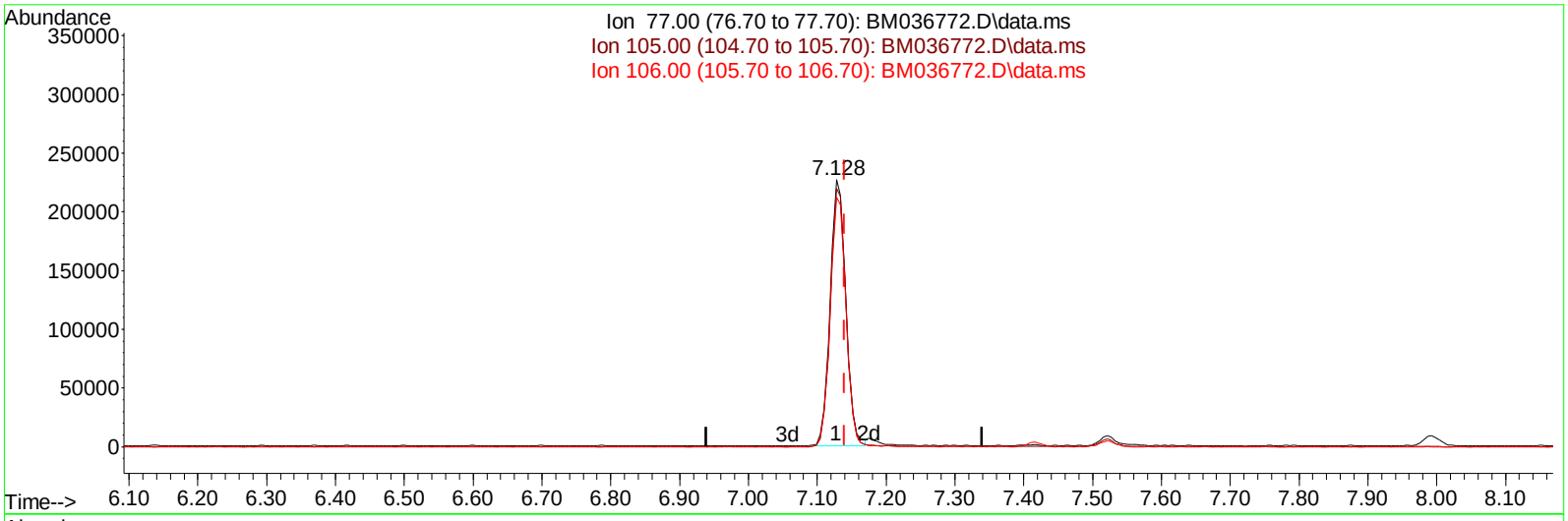
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
Data File : BM036772.D
Acq On : 27 Sep 2022 08:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

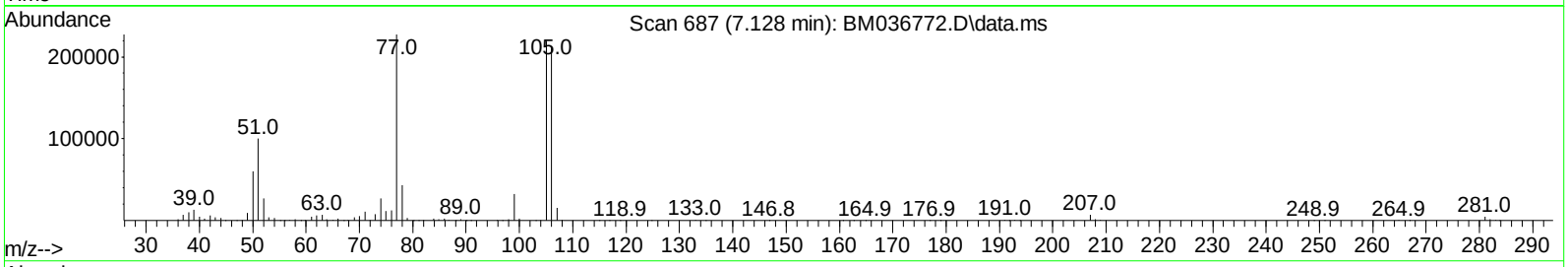
Quant Time: Sep 27 09:26:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 23:10:22 2022
Response via : Initial Calibration

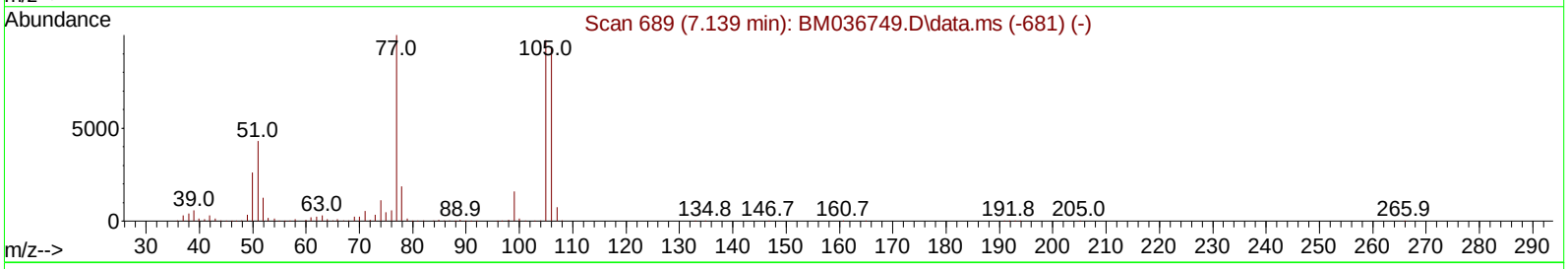
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/27/2022
Supervised By :mohammad ahmed 09/28/2022







TIC: BM036772.D\data.ms

(6) Benzaldehyde

7.128min (-0.012) 21.28 ng/ul

response 354004

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	96.71
106.00	91.30	93.41
0.00	0.00	0.00

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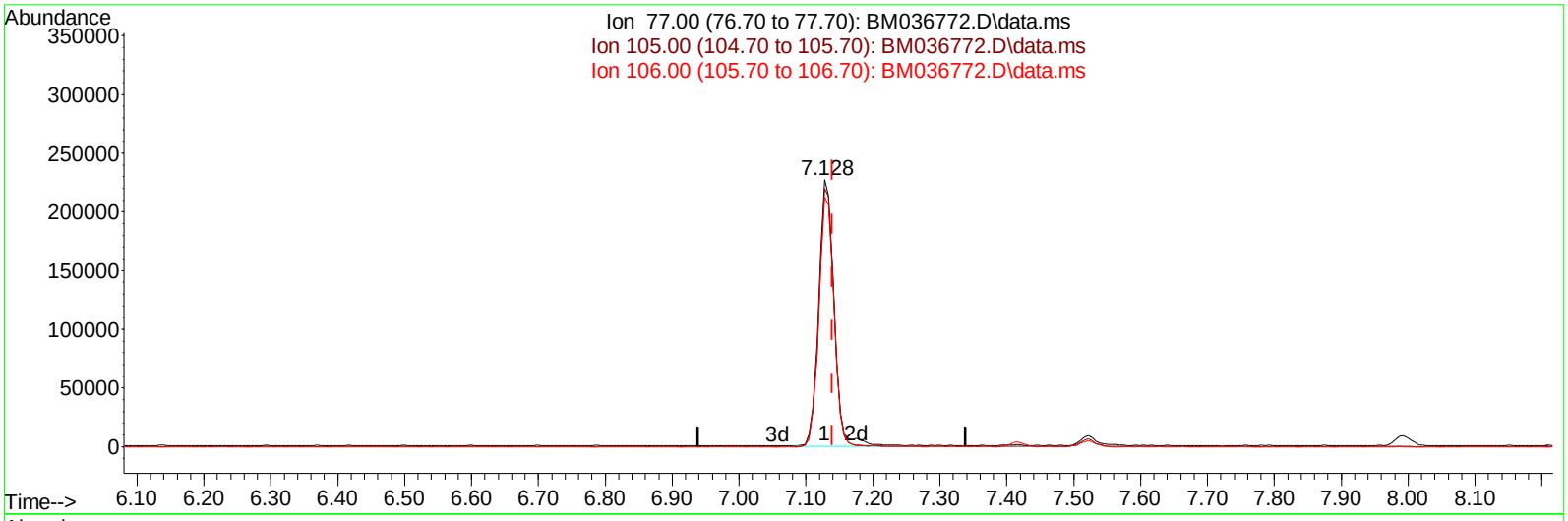

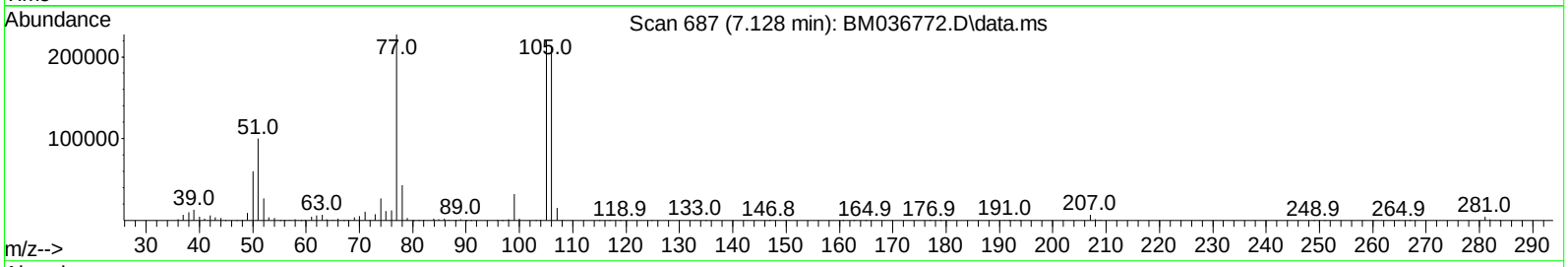

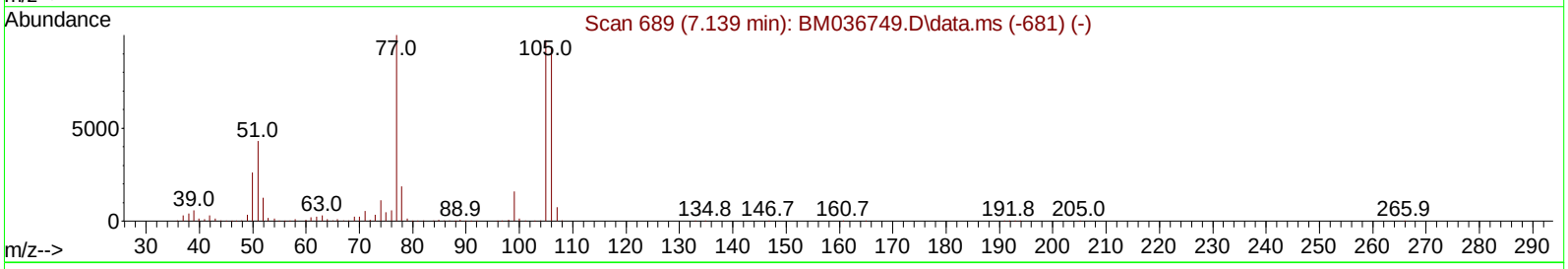

TIC: BM036772.D\data.ms

(6) Benzaldehyde

7.128min (-0.012) 21.87 ng/ul m

response 363792

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	96.71
106.00	91.30	93.41
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	7.993	152	384433	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.804	136	1652067	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.621	164	981787	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	1886837	20.000	ng/ul	-0.01
79) Chrysene-d12	21.533	240	1435477	20.000	ng/ul	0.00
88) Perylene-d12	23.956	264	1182780	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	71473	6.970	ng/uL	0.00
4) Pyridine-d5	3.805	84	533411	17.835	ng/ul	0.00
7) Phenol-d5	7.151	99	639221	18.606	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.322	67	392854	18.830	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.522	132	481842	19.481	ng/ul	-0.01
15) 4-Methylphenol-d8	8.704	113	487660	19.211	ng/ul	-0.01
21) Nitrobenzene-d5	9.163	128	237586	21.247	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	225954	22.559	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	458362	19.747	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.939	131	693545	17.971	ng/ul	-0.01
46) Dimethylphthalate-d6	14.033	166	1218740	18.405	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	1464481	18.645	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	204947	15.958	ng/ul	-0.01
60) Fluorene-d10	15.610	176	1105016	18.622	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	128261	17.181	ng/ul	-0.01
73) Anthracene-d10	17.457	188	1620009	18.778	ng/ul	0.00
81) Pyrene-d10	19.745	212	1654989	23.435	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	1096343	18.973	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	77614	7.026	ng/uL	99
5) Pyridine	3.828	79	547420	18.218	ng/ul	96
6) Benzaldehyde	7.128	77	363792m	21.868	ng/ul	
8) Phenol	7.175	94	695187	18.854	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.416	93	540417	18.838	ng/ul	100
12) 2-Chlorophenol	7.557	128	527793	19.727	ng/ul	98
13) 2-Methylphenol	8.440	108	504039	18.598	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.528	45	635369	18.686	ng/ul	99
16) Acetophenone	8.822	105	814369	18.496	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.810	70	400126	18.833	ng/ul	97
18) 4-Methylphenol	8.769	108	553476	18.886	ng/ul	100
19) Hexachloroethane	9.081	117	203478	18.776	ng/ul	93
22) Nitrobenzene	9.204	77	615545	20.733	ng/ul	98
23) Isophorone	9.734	82	1074208	17.745	ng/ul	100
25) 2-Nitrophenol	9.916	139	267104	21.591	ng/ul	98
26) 2,4-Dimethylphenol	9.975	107	589563	19.322	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.216	93	690656	19.142	ng/ul	99
29) 2,4-Dichlorophenol	10.451	162	485071	19.878	ng/ul	100
30) Naphthalene	10.857	128	1726861	19.188	ng/ul	100
32) 4-Chloroaniline	10.963	127	718973	18.045	ng/ul	100
33) Hexachlorobutadiene	11.139	225	270886	18.150	ng/ul	98
34) Caprolactam	11.751	113	126915	16.033	ng/ul	99
35) 4-Chloro-3-methylphenol	12.080	107	515525	19.138	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.457	142	1121438	18.702	ng/ul	100
37) 1-Methylnaphthalene	12.675	142	1127646	18.706	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	533837	19.211	ng/ul	99
40) Hexachlorocyclopentadiene	12.798	237	207085	14.300	ng/ul	97
41) 2,4,6-Trichlorophenol	13.063	196	339756	19.968	ng/ul	98
42) 2,4,5-Trichlorophenol	13.127	196	369534	20.257	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	1419100	19.608	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	1119257	19.708	ng/ul	99
45) 2-Nitroaniline	13.704	65	306645	21.937	ng/ul	98
47) Dimethylphthalate	14.080	163	1301891	18.535	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	241731	21.168	ng/ul	97
50) Acenaphthylene	14.345	152	1690034	18.820	ng/ul	100
51) 3-Nitroaniline	14.527	138	268635	19.614	ng/ul#	97
52) Acenaphthene	14.686	153	1188512	18.916	ng/ul	100
53) 2,4-Dinitrophenol	14.727	184	72167	14.242	ng/ul	95
55) 4-Nitrophenol	14.827	109	183093	16.677	ng/ul	95
56) Dibenzofuran	15.021	168	1613140	19.117	ng/ul	99
57) 2,4-Dinitrotoluene	14.980	165	345960	20.839	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.239	232	283309	18.553	ng/ul	93
59) Diethylphthalate	15.439	149	1275026	18.133	ng/ul	100
61) Fluorene	15.663	166	1337575	18.612	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.657	204	626840	18.238	ng/ul	99
63) 4-Nitroaniline	15.686	138	240729	18.091	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.739	198	140991	16.737	ng/ul	97
67) N-Nitrosodiphenylamine	15.868	169	1083004	19.488	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	333234	17.918	ng/ul	98
69) Hexachlorobenzene	16.663	284	389486	17.707	ng/ul	96
70) Atrazine	16.821	200	336071	17.137	ng/ul	99
71) Pentachlorophenol	17.010	266	202817	15.523	ng/ul	97
72) Phenanthrene	17.404	178	1986617	19.115	ng/ul	99
74) Anthracene	17.492	178	1990410	18.842	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	530660	20.563	ng/uL	100
76) Pentachlorobenzene	14.933	250	539338	19.323	ng/uL	99
77) Carbazole	17.762	167	1756393	17.958	ng/ul	100
78) Di-n-butylphthalate	18.327	149	2048273	18.477	ng/ul	100
80) Fluoranthene	19.409	202	2053240	23.726	ng/ul	100
82) Pyrene	19.774	202	2172072	23.712	ng/ul	100
83) Butylbenzylphthalate	20.668	149	785169	22.620	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.450	252	506251	18.049	ng/ul	98
85) Benzo(a)anthracene	21.515	228	1754623	19.509	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1213540	23.934	ng/ul	100
87) Chrysene	21.568	228	1608015	18.836	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	1711117	23.997	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1466381	19.551	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	1508134	20.123	ng/ul	98
93) Benzo(a)pyrene	23.850	252	1272377	19.297	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.485	276	1410761	18.322	ng/ul	97
95) Dibenzo(a,h)anthracene	26.503	278	1263945	18.100	ng/ul	99
96) Benzo(g,h,i)perylene	27.268	276	1233823	18.484	ng/ul	98

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

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