Quantitation Report (Qedit)

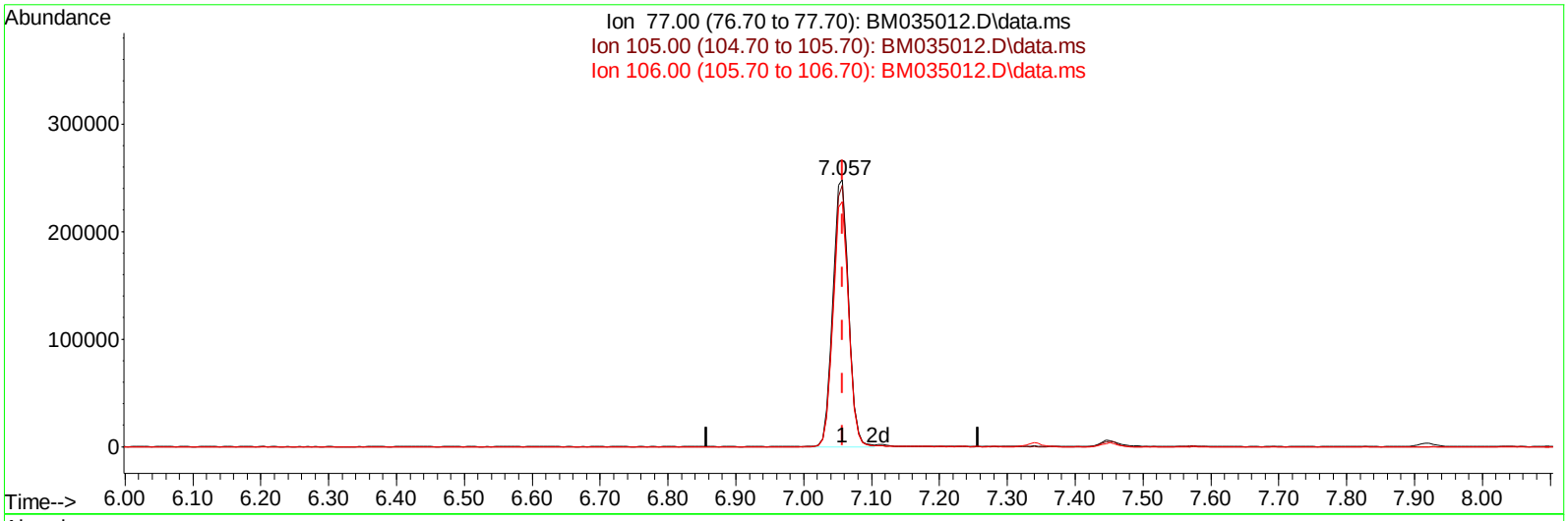
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035012.D
Acq On : 12 May 2022 07:56
Operator : CG/JU
Sample : N2707-06MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

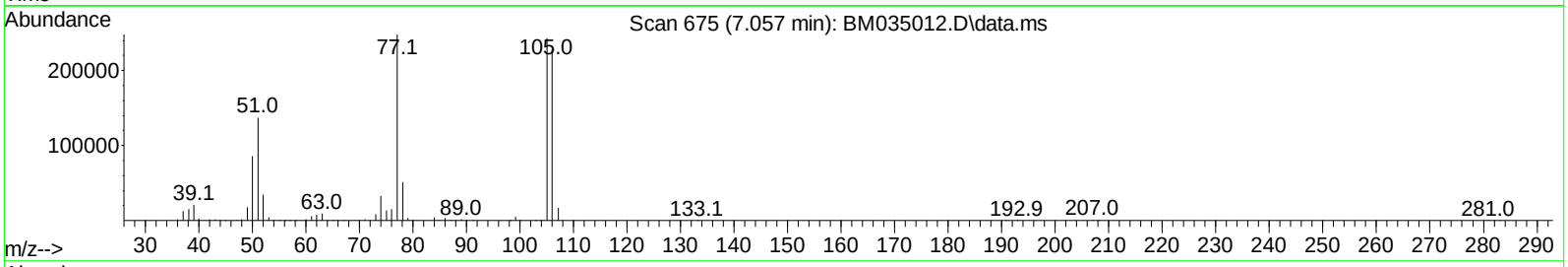
Quant Time: May 12 08:33:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:40:09 2022
Response via : Initial Calibration

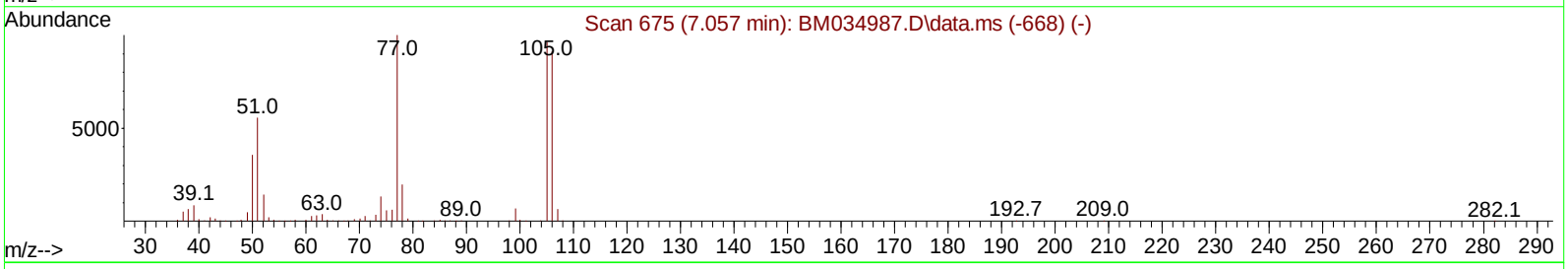
Instrument :
BNA_M
ClientSampleId :
EXL87MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022







TIC: BM035012.D\data.ms

(6) Benzaldehyde

7.057min (-0.000) 59.66 ng/ul

response 399725

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.70	97.88
106.00	91.80	91.85
0.00	0.00	0.00

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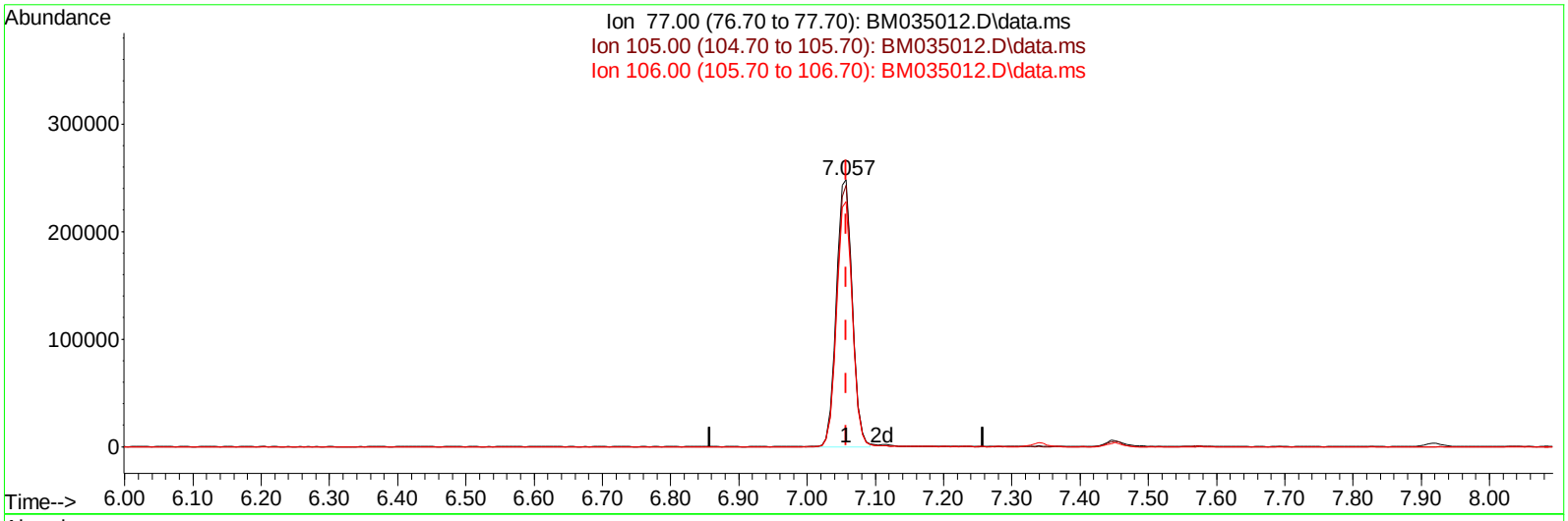

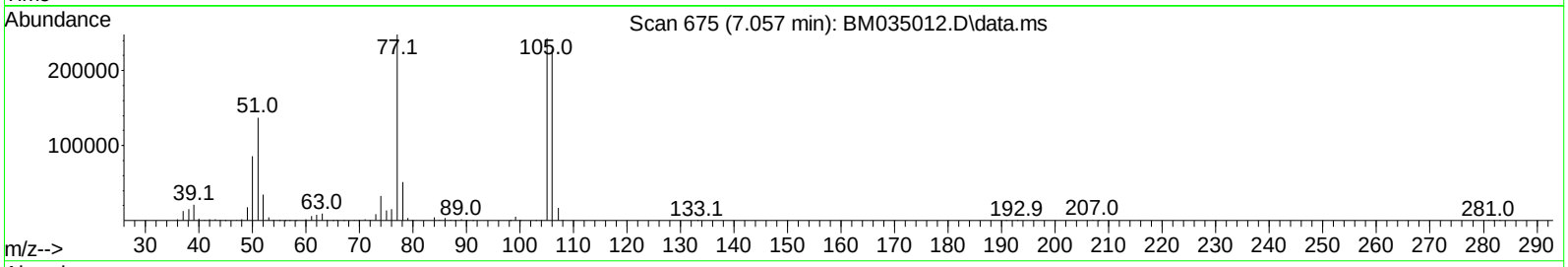

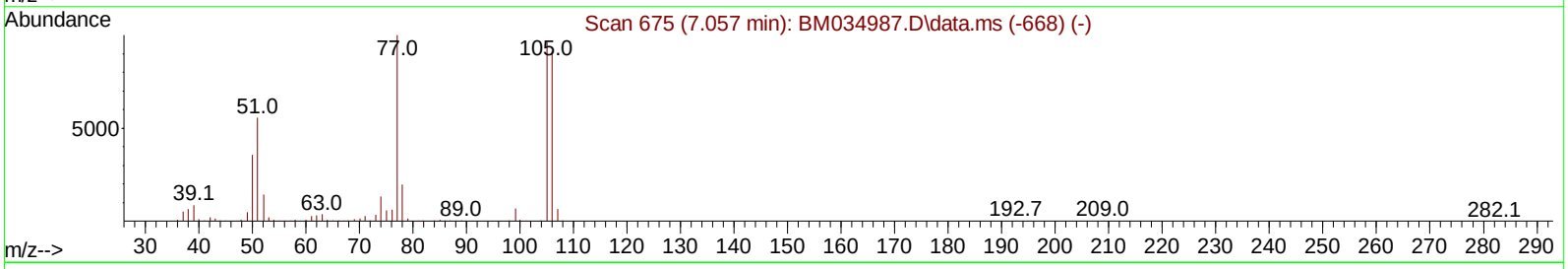

TIC: BM035012.D\data.ms

(6) Benzaldehyde

7.057min (-0.000) 59.46 ng/ul m

response 398355

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.70	97.88
106.00	91.80	91.85
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	7.916	152	138773	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	652530	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	424936	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	838723	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	636667	20.000	ng/ul	0.00
88) Perylene-d12	23.850	264	595122	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	19150	5.773	ng/uL	0.00
4) Pyridine-d5	3.775	84	114415	12.514	ng/ul	0.00
7) Phenol-d5	7.081	99	106654	8.884	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.245	67	344150	45.671	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	346612	36.741	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	226844	23.176	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	248246	49.637	ng/ul	0.00
24) 2-Nitrophenol-d4	9.798	143	264237	48.985	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	434417	43.032	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	609999	42.438	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	1757683	54.846	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1991112	48.965	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	65460	11.955	ng/ul	0.00
60) Fluorene-d10	15.545	176	1460040	54.002	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.662	200	292459	55.335	ng/ul	0.00
73) Anthracene-d10	17.392	188	2209329	54.142	ng/ul	0.00
81) Pyrene-d10	19.680	212	2205603	55.479	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.703	264	1788817	57.512	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	20719	6.273	ng/uL	94
5) Pyridine	3.793	79	137212	14.220	ng/ul#	88
6) Benzaldehyde	7.057	77	398355m	59.455	ng/ul	
8) Phenol	7.104	94	126438	10.580	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.339	93	455492	48.155	ng/ul	96
12) 2-Chlorophenol	7.481	128	369816	38.438	ng/ul	99
13) 2-Methylphenol	8.363	108	264194	29.167	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.457	45	697691	45.116	ng/ul	99
16) Acetophenone	8.739	105	779254	51.290	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.728	70	420939	51.946	ng/ul	95
18) 4-Methylphenol	8.692	108	249922	25.255	ng/ul	100
19) Hexachloroethane	9.004	117	190680	46.719	ng/ul	96
22) Nitrobenzene	9.116	77	603698	48.644	ng/ul	97
23) Isophorone	9.651	82	1175774	51.562	ng/ul	98
25) 2-Nitrophenol	9.833	139	291431	50.280	ng/ul	89
26) 2,4-Dimethylphenol	9.892	107	401198	33.097	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.133	93	657384	46.508	ng/ul	99
29) 2,4-Dichlorophenol	10.369	162	448844	45.701	ng/ul	98
30) Naphthalene	10.769	128	1635839	47.717	ng/ul	99
32) 4-Chloroaniline	10.875	127	639753	44.473	ng/ul	99
33) Hexachlorobutadiene	11.069	225	294727	45.785	ng/ul	98
34) Caprolactam	11.657	113	22881	7.791	ng/ul	95
35) 4-Chloro-3-methylphenol	11.998	107	490558	46.464	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.380	142	1183690	49.939 ng/ul	99
37) 1-Methylnaphthalene	12.598	142	1231307	51.373 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.751	216	604408	48.361 ng/ul	99
40) Hexachlorocyclopentadiene	12.733	237	286719	33.078 ng/ul	98
41) 2,4,6-Trichlorophenol	12.986	196	434840	54.652 ng/ul	98
42) 2,4,5-Trichlorophenol	13.057	196	474261	55.640 ng/ul	98
43) 1,1'-Biphenyl	13.392	154	1668115	49.411 ng/ul	99
44) 2-Chloronaphthalene	13.427	162	1277684	49.696 ng/ul	97
45) 2-Nitroaniline	13.627	65	458205	62.779 ng/ul	92
47) Dimethylphthalate	14.010	163	1803378	56.956 ng/ul	99
48) 2,6-Dinitrotoluene	14.127	165	388859	64.661 ng/ul	93
50) Acenaphthylene	14.274	152	2182168	53.415 ng/ul	98
51) 3-Nitroaniline	14.451	138	370494	67.280 ng/ul	92
52) Acenaphthene	14.615	153	1451567	53.160 ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	209190	59.629 ng/ul	94
55) 4-Nitrophenol	14.751	109	64200	13.333 ng/ul	94
56) Dibenzofuran	14.951	168	2030439	53.992 ng/ul	94
57) 2,4-Dinitrotoluene	14.910	165	549605	64.790 ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.174	232	407344	60.951 ng/ul	98
59) Diethylphthalate	15.374	149	1862035	57.415 ng/ul	99
61) Fluorene	15.598	166	1727476	56.152 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	834844	55.869 ng/ul	99
63) 4-Nitroaniline	15.615	138	388059	79.174 ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.674	198	297043	56.763 ng/ul#	95
67) N-Nitrosodiphenylamine	15.804	169	1489733	55.170 ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	493155	56.544 ng/ul	97
69) Hexachlorobenzene	16.604	284	561323	56.879 ng/ul	96
70) Atrazine	16.757	200	552225	57.534 ng/ul	100
71) Pentachlorophenol	16.945	266	344021	56.160 ng/ul	97
72) Phenanthrene	17.333	178	2666838	56.529 ng/ul	99
74) Anthracene	17.427	178	2694915	56.480 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	632260	47.108 ng/uL	99
76) Pentachlorobenzene	14.874	250	641824	52.206 ng/uL	99
77) Carbazole	17.692	167	2408374	57.413 ng/ul	99
78) Di-n-butylphthalate	18.262	149	2996694	57.607 ng/ul	99
80) Fluoranthene	19.345	202	2813804	58.877 ng/ul	97
82) Pyrene	19.709	202	2822744	57.838 ng/ul	99
83) Butylbenzylphthalate	20.609	149	1178295	60.351 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.386	252	759418	63.211 ng/ul	99
85) Benzo(a)anthracene	21.456	228	2409493	58.249 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1581750	54.675 ng/ul	100
87) Chrysene	21.509	228	2319500	57.582 ng/ul	98
89) Di-n-octyl phthalate	22.309	149	2430179	49.052 ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	2404758	60.156 ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	2131190	55.988 ng/ul	99
93) Benzo(a)pyrene	23.750	252	2262527	59.369 ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.332	276	2640408	60.567 ng/ul#	94
95) Dibenzo(a,h)anthracene	26.344	278	2246859	60.117 ng/ul#	97
96) Benzo(g,h,i)perylene	27.085	276	2215219	61.174 ng/ul#	95

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

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