Quantitation Report (Qedit)

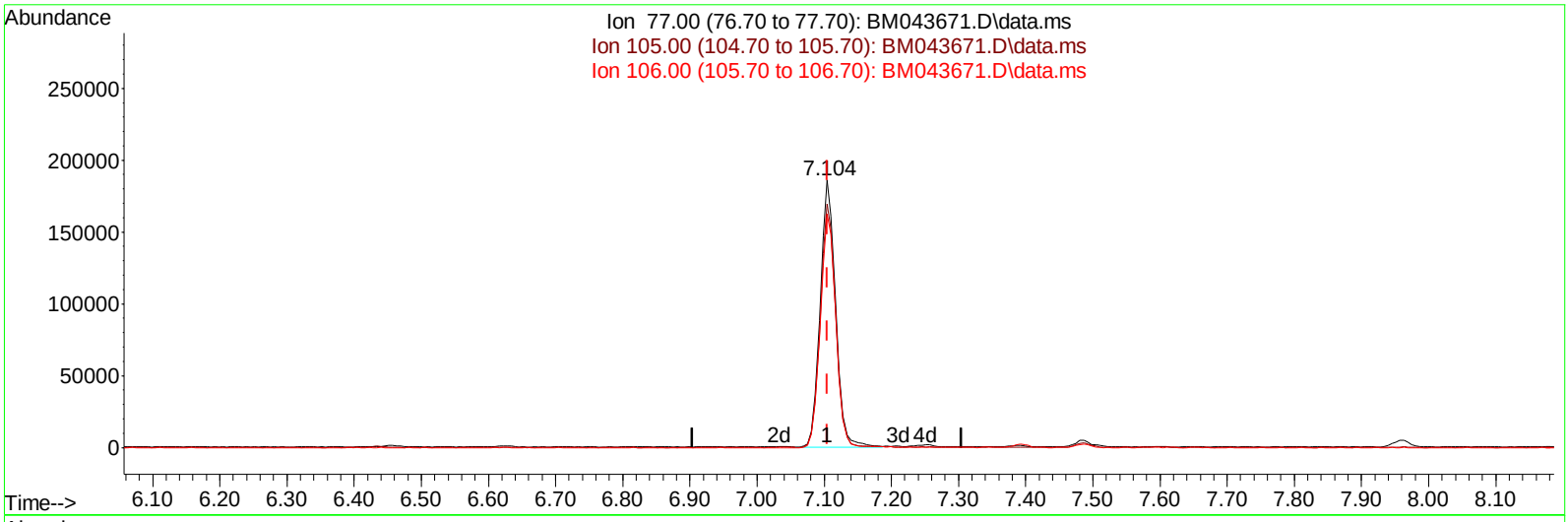
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043671.D
Acq On : 29 Dec 2023 11:58
Operator : MA/JU
Sample : 05920-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

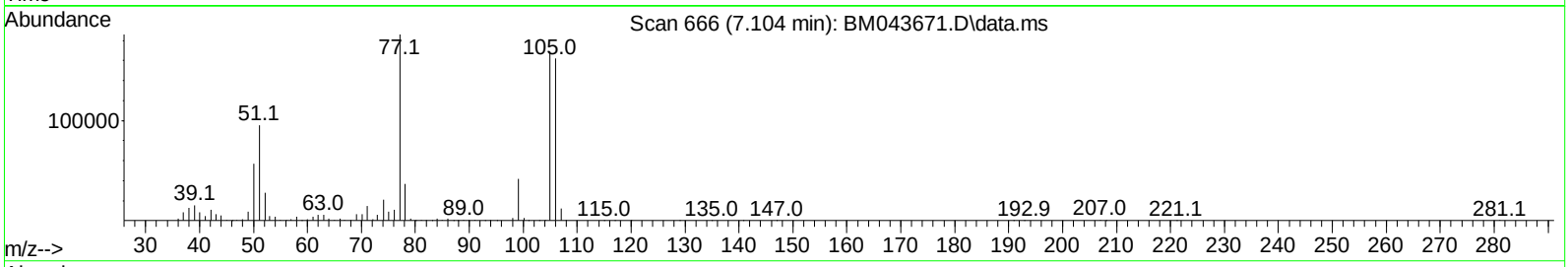
Quant Time: Dec 29 22:35:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

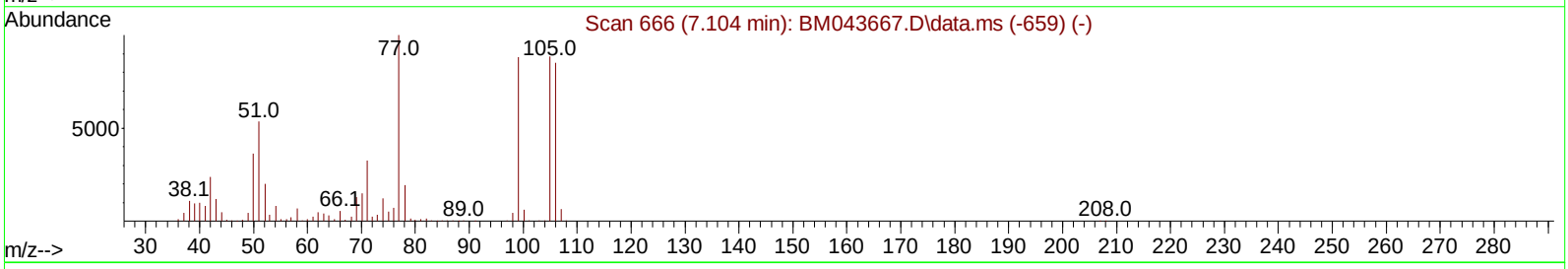
Instrument :
BNA_M
ClientSampleId :
GCF56MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024







TIC: BM043671.D\data.ms

(6) Benzaldehyde

7.104min (-0.000) 28.50 ng/ul

response 296147

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	91.02
106.00	89.20	87.28
0.00	0.00	0.00

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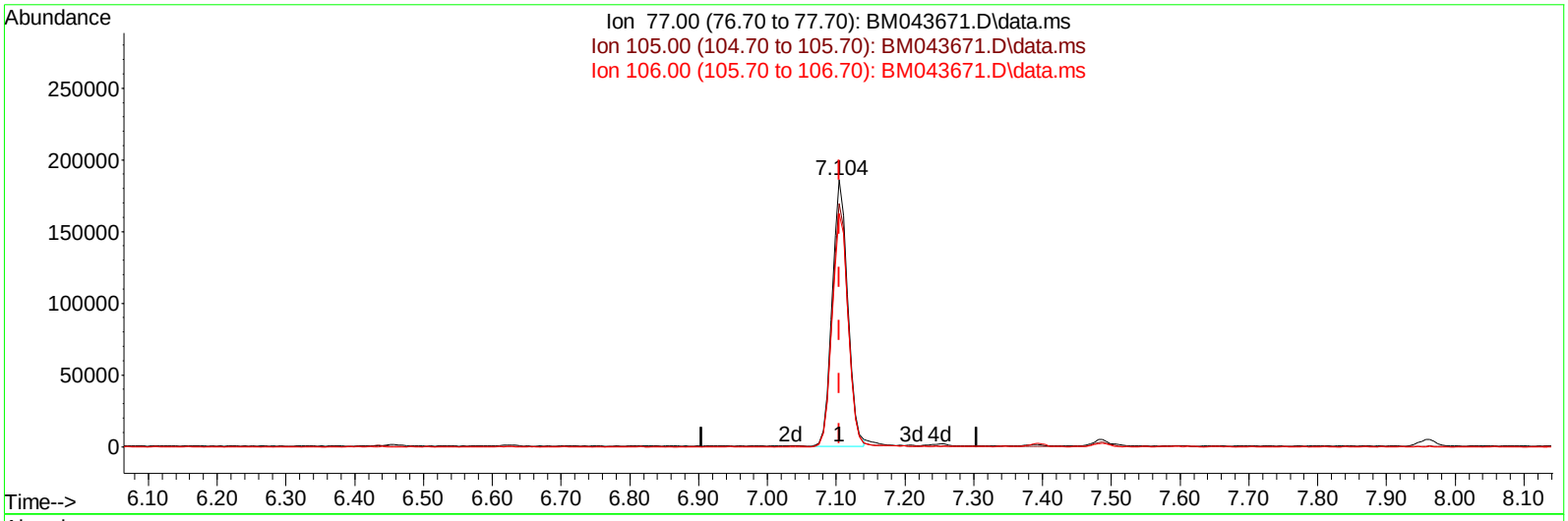

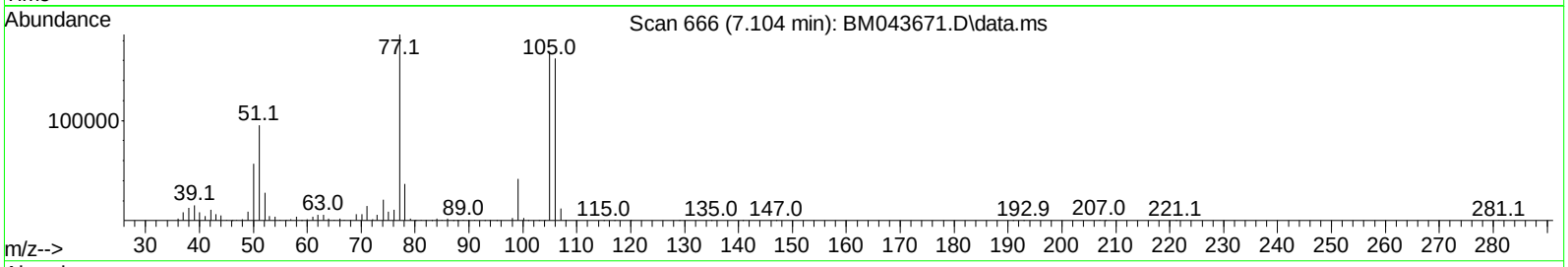

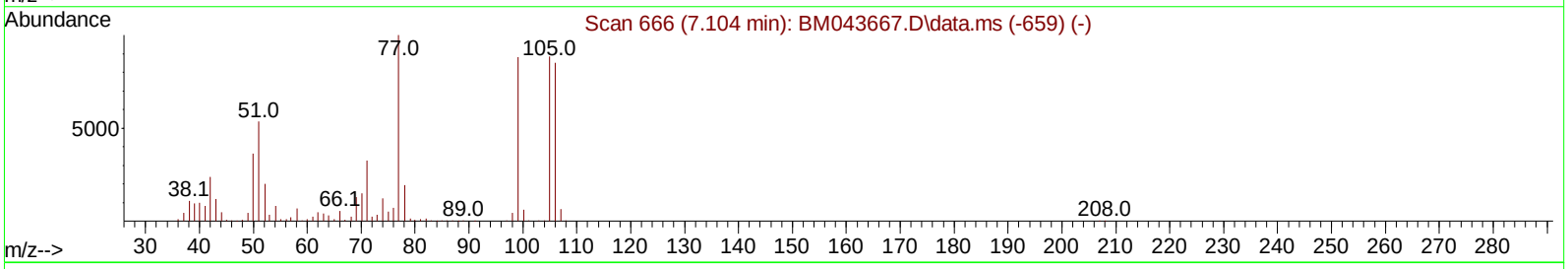

TIC: BM043671.D\data.ms

(6) Benzaldehyde

7.104min (-0.000) 28.04 ng/ul m

response 291285

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	91.02
106.00	89.20	87.28
0.00	0.00	0.00

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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	7.957	152	192622	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	833680	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	465749	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	914172	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	755006	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	845456	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	17888	3.018	ng/uL	0.00
4) Pyridine-d5	3.810	84	75981	4.454	ng/ul	0.02
7) Phenol-d5	7.122	99	200236	9.138	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	246889	17.791	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	245027	14.645	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	237319	13.957	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	146747	18.193	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	156234	18.746	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	178419	12.127	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	51700	2.389	ng/ul	0.01
46) Dimethylphthalate-d6	14.016	166	741910	17.695	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	463467	9.318	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	135003	17.013	ng/ul	0.00
60) Fluorene-d10	15.586	176	639883	18.456	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	105622	17.470	ng/ul	0.00
73) Anthracene-d10	17.439	188	528216	10.303	ng/ul	0.00
81) Pyrene-d10	19.727	212	109598	1.839	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	48260	0.925	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	43265	6.607	ng/uL#	94
5) Pyridine	3.828	79	47021	2.666	ng/ul#	75
6) Benzaldehyde	7.104	77	291285m	28.036	ng/ul	
8) Phenol	7.146	94	309635	14.363	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.393	93	342578	19.575	ng/ul	99
12) 2-Chlorophenol	7.516	128	268030	15.727	ng/ul	97
13) 2-Methylphenol	8.404	108	248416	15.176	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.487	45	601606	20.470	ng/ul	98
16) Acetophenone	8.793	105	988477	37.970	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	282529	18.183	ng/ul	95
18) 4-Methylphenol	8.734	108	289808	16.336	ng/ul	100
19) Hexachloroethane	9.034	117	11028	1.535	ng/ul#	86
22) Nitrobenzene	9.175	77	410000	20.539	ng/ul	98
23) Isophorone	9.698	82	759429	18.755	ng/ul	99
25) 2-Nitrophenol	9.881	139	182907	20.650	ng/ul	96
26) 2,4-Dimethylphenol	9.939	107	114260	7.241	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.187	93	457234	19.123	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	180524	12.644	ng/ul	97
30) Naphthalene	10.816	128	655395	12.335	ng/ul	99
32) 4-Chloroaniline	10.945	127	63776	3.064	ng/ul	100
33) Hexachlorobutadiene	11.086	225	117800	16.182	ng/ul	99
34) Caprolactam	11.722	113	98863	21.668	ng/ul	98
35) 4-Chloro-3-methylphenol	12.051	107	91163	5.436	ng/ul	97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.422	142	625458	17.293 ng/ul	99
37) 1-Methylnaphthalene	12.639	142	565279	15.496 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	71038	5.006 ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	119768	13.451 ng/ul	97
41) 2,4,6-Trichlorophenol	13.033	196	171790	17.031 ng/ul	98
42) 2,4,5-Trichlorophenol	13.104	196	101165	9.445 ng/ul	99
43) 1,1'-Biphenyl	13.433	154	863563	19.451 ng/ul	100
44) 2-Chloronaphthalene	13.475	162	333687	9.803 ng/ul	99
45) 2-Nitroaniline	13.686	65	239752	21.005 ng/ul	97
47) Dimethylphthalate	14.063	163	836201	20.195 ng/ul	99
48) 2,6-Dinitrotoluene	14.186	165	165067	20.620 ng/ul	95
50) Acenaphthylene	14.316	152	515945	9.033 ng/ul	99
51) 3-Nitroaniline	14.516	138	62481	6.799 ng/ul	99
52) Acenaphthene	14.657	153	442029	11.743 ng/ul	100
53) 2,4-Dinitrophenol	14.716	184	83645	19.628 ng/ul	93
55) 4-Nitrophenol	14.810	109	131064	21.270 ng/ul	95
56) Dibenzofuran	14.992	168	850926	17.503 ng/ul	99
57) 2,4-Dinitrotoluene	14.969	165	243758	21.553 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.216	232	177208	21.595 ng/ul#	97
59) Diethylphthalate	15.421	149	903720	21.298 ng/ul	99
61) Fluorene	15.645	166	838384	20.186 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.639	204	360247	19.719 ng/ul	97
63) 4-Nitroaniline	15.674	138	108536	12.903 ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.727	198	124966	19.359 ng/ul	99
67) N-Nitrosodiphenylamine	15.857	169	675403	19.235 ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	210884	19.471 ng/ul	94
69) Hexachlorobenzene	16.633	284	19006	1.532 ng/ul#	82
70) Atrazine	16.816	200	212948	27.668 ng/ul	99
71) Pentachlorophenol	16.992	266	2747789	366.310 ng/ul	99
72) Phenanthrene	17.386	178	719200	11.608 ng/ul	99
74) Anthracene	17.474	178	689060	11.020 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	52642	3.506 ng/uL	96
76) Pentachlorobenzene	14.904	250	40182	2.749 ng/uL	97
77) Carbazole	17.751	167	173010	3.242 ng/ul#	94
78) Di-n-butylphthalate	18.321	149	1722895	24.694 ng/ul	100
80) Fluoranthene	19.398	202	714199	9.675 ng/ul	99
82) Pyrene	19.756	202	129507	1.707 ng/ul	95
83) Butylbenzylphthalate	20.668	149	797377	24.304 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.456	252	927	0.050 ng/ul#	33
85) Benzo(a)anthracene	21.509	228	778246	12.327 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	1216071	26.035 ng/ul	100
87) Chrysene	21.556	228	540580	9.518 ng/ul	99
89) Di-n-octyl phthalate	22.386	149	2058068	25.447 ng/ul	100
90) Benzo(b)fluoranthene	23.197	252	510964	7.887 ng/ul	98
91) Benzo(k)fluoranthene	23.244	252	625857	9.904 ng/ul	98
93) Benzo(a)pyrene	23.827	252	44428	0.752 ng/ul#	82
94) Indeno(1,2,3-cd)pyrene	26.480	276	255973	3.627 ng/ul#	62
95) Dibenzo(a,h)anthracene	26.485	278	779485	13.337 ng/ul	98
96) Benzo(g,h,i)perylene	27.215	276	3104	0.056 ng/ul#	11

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

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