Quantitation Report (Qedit)

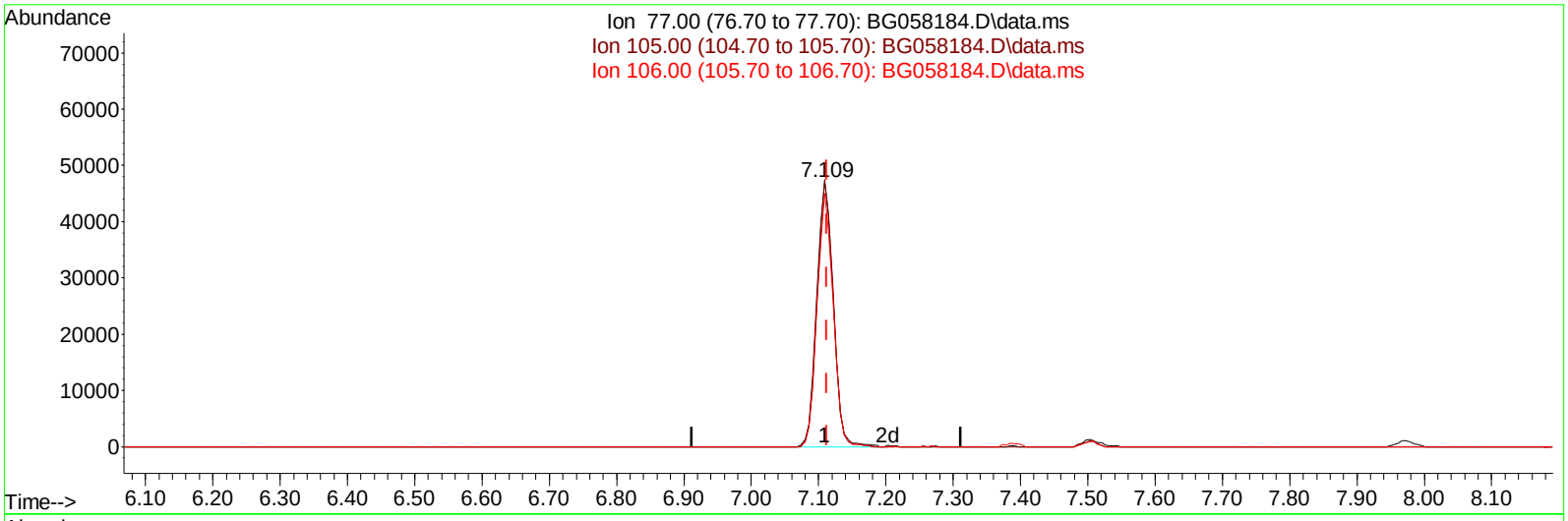
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058184.D
Acq On : 12 Jul 2023 13:05
Operator : CG/JU
Sample : 03477-04MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

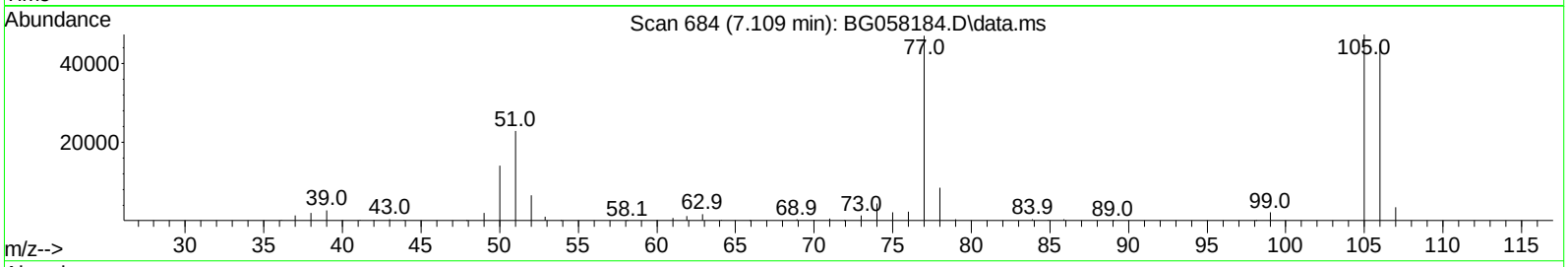
Quant Time: Jul 12 22:06:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

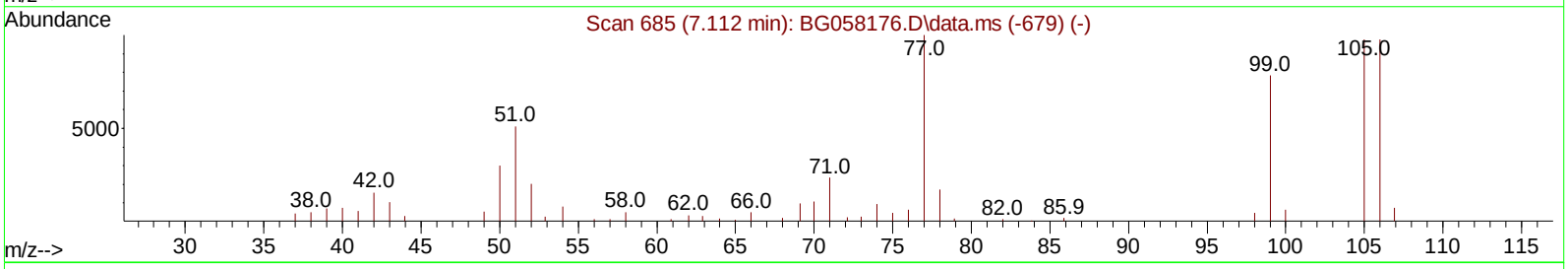
Instrument :
BNA_G
ClientSampleId :
HOA42MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023







TIC: BG058184.D\data.ms

(6) Benzaldehyde

7.109min (-0.003) 52.46 ng/ul

response 80307

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	100.68
106.00	94.90	95.62
0.00	0.00	0.00

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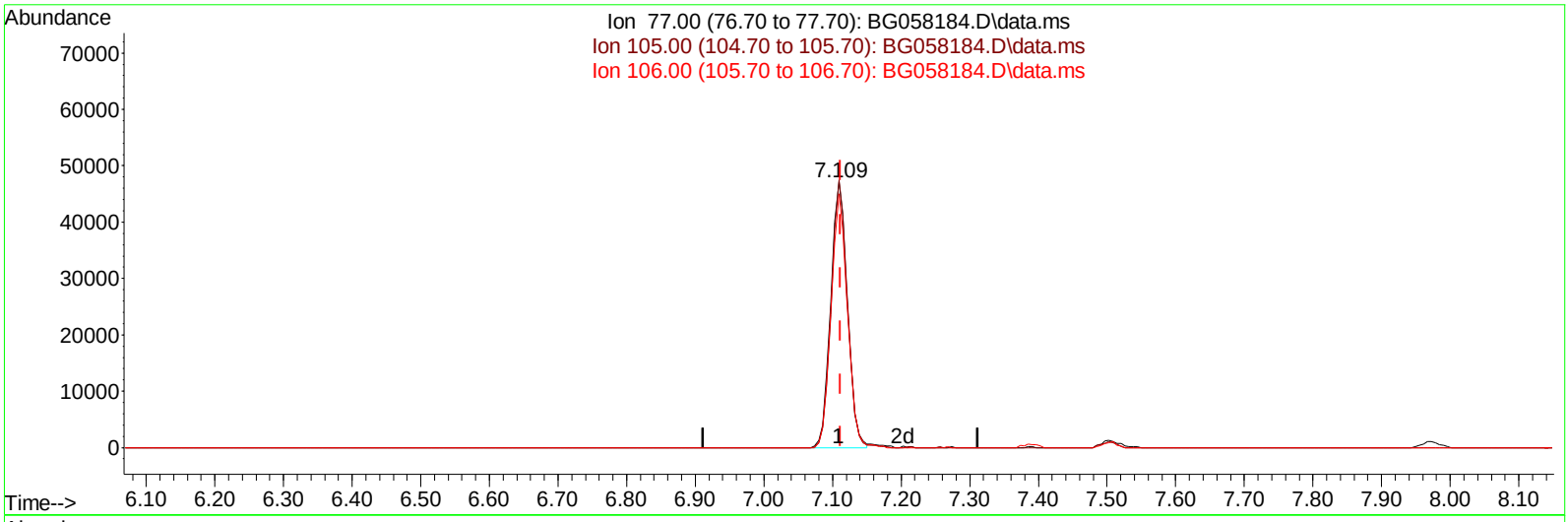

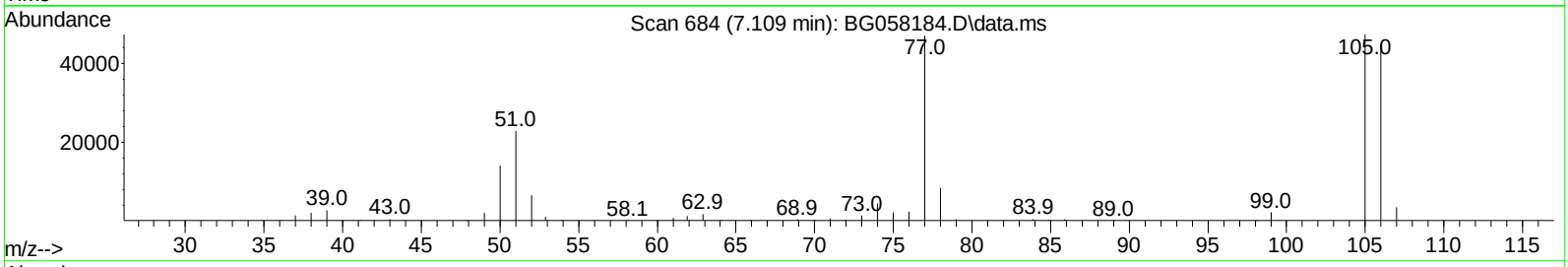

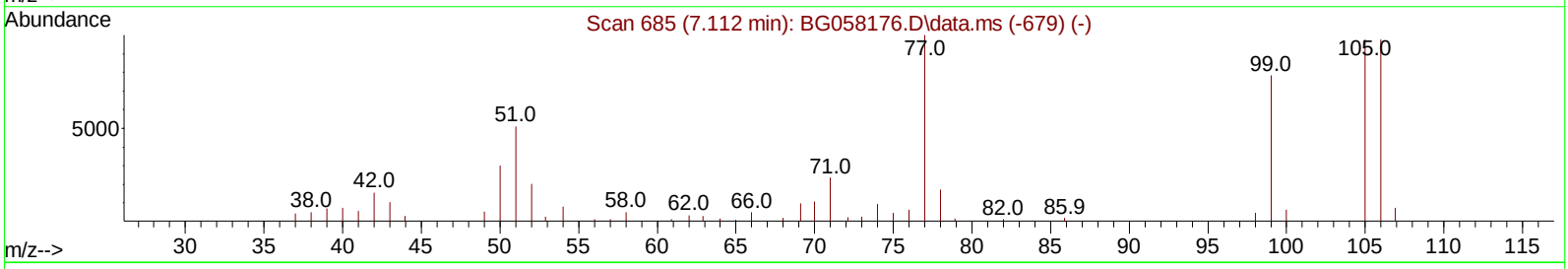

TIC: BG058184.D\data.ms

(6) Benzaldehyde

7.109min (-0.003) 51.89 ng/ul m

response 79436

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	100.68
106.00	94.90	95.62
0.00	0.00	0.00

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Misc :
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Quant Title : SVOA CALIBRATION
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Instrument :
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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	7.973	152	44885	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	208730	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.600	164	144808	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.344	188	332361	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	281160	20.000	ng/ul	0.00
88) Perylene-d12	24.788	264	348687	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	5975	4.661	ng/uL	0.00
4) Pyridine-d5	3.813	84	45985	11.817	ng/ul	0.00
7) Phenol-d5	7.133	99	34518	7.530	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.297	67	93338	33.789	ng/ul	0.00
11) 2-Chlorophenol-d4	7.503	132	84572	26.751	ng/ul	0.00
15) 4-Methylphenol-d8	8.678	113	59663	17.250	ng/ul	0.00
21) Nitrobenzene-d5	9.136	128	59672	35.076	ng/ul	0.00
24) 2-Nitrophenol-d4	9.859	143	64339	35.984	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	112461	32.788	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	135673	26.089	ng/ul	0.00
46) Dimethylphthalate-d6	14.001	166	396237	34.680	ng/ul	0.00
49) Acenaphthylene-d8	14.295	160	435677	34.944	ng/ul	0.00
54) 4-Nitrophenol-d4	14.800	143	14295	7.082	ng/ul	0.00
60) Fluorene-d10	15.587	176	348802	35.947	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.711	200	67114	37.188	ng/ul	0.00
73) Anthracene-d10	17.444	188	547872	35.524	ng/ul	0.00
81) Pyrene-d10	19.730	212	655031	36.992	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.577	264	698612	39.326	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.437	88	106552	67.287	ng/uL	95
5) Pyridine	3.831	79	49860	12.505	ng/ul	99
6) Benzaldehyde	7.109	77	79436m	51.891	ng/ul	
8) Phenol	7.162	94	36174	7.777	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.391	93	113971	31.732	ng/ul	99
12) 2-Chlorophenol	7.538	128	82067	24.945	ng/ul	96
13) 2-Methylphenol	8.413	108	70094	19.187	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.496	45	176317	31.891	ng/ul	98
16) Acetophenone	8.795	105	191327	33.341	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.772	70	99528	32.444	ng/ul	98
18) 4-Methylphenol	8.742	108	67000	16.961	ng/ul	96
19) Hexachloroethane	9.054	117	30739	24.373	ng/ul	98
22) Nitrobenzene	9.177	77	145477	32.940	ng/ul	99
23) Isophorone	9.694	82	297137	31.531	ng/ul	97
25) 2-Nitrophenol	9.888	139	63014	32.844	ng/ul	93
26) 2,4-Dimethylphenol	9.941	107	83737	19.409	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.176	93	169103	31.844	ng/ul	98
29) 2,4-Dichlorophenol	10.423	162	104321	31.282	ng/ul	93
30) Naphthalene	10.828	128	340995	29.070	ng/ul	99
32) 4-Chloroaniline	10.934	127	118685	22.320	ng/ul	99
33) Hexachlorobutadiene	11.104	225	60424	25.593	ng/ul	95
34) Caprolactam	11.698	113	6278	4.682	ng/ul	92
35) 4-Chloro-3-methylphenol	12.050	107	116645	28.474	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.432	142	243533	30.798	ng/ul	96
37) 1-Methylnaphthalene	12.650	142	246305	31.062	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.796	216	146053	33.097	ng/ul	98
40) Hexachlorocyclopentadiene	12.773	237	35688	12.839	ng/ul	95
41) 2,4,6-Trichlorophenol	13.037	196	103063	34.459	ng/ul	96
42) 2,4,5-Trichlorophenol	13.108	196	110029	34.016	ng/ul	100
43) 1,1'-Biphenyl	13.437	154	342248	32.797	ng/ul	99
44) 2-Chloronaphthalene	13.478	162	273834	32.696	ng/ul	99
45) 2-Nitroaniline	13.684	65	104603	35.922	ng/ul	94
47) Dimethylphthalate	14.048	163	378772	32.997	ng/ul	99
48) 2,6-Dinitrotoluene	14.177	165	84965	36.060	ng/ul	95
50) Acenaphthylene	14.324	152	447087	33.207	ng/ul	100
51) 3-Nitroaniline	14.506	138	75352	37.843	ng/ul	99
52) Acenaphthene	14.665	153	311916	33.761	ng/ul	97
53) 2,4-Dinitrophenol	14.712	184	40505	32.974	ng/ul	90
55) 4-Nitrophenol	14.812	109	10749	7.188	ng/ul	93
56) Dibenzofuran	15.000	168	449023	34.190	ng/ul	99
57) 2,4-Dinitrotoluene	14.959	165	118857	35.604	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.223	232	97563	33.133	ng/ul#	98
59) Diethylphthalate	15.411	149	391541	32.681	ng/ul	99
61) Fluorene	15.646	166	366176	33.981	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	194715	34.150	ng/ul	99
63) 4-Nitroaniline	15.670	138	78343	43.921	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.728	198	66007	35.765	ng/ul	98
67) N-Nitrosodiphenylamine	15.852	169	308806	34.912	ng/ul	99
68) 4-Bromophenyl-phenylether	16.527	248	133538	36.603	ng/ul	99
69) Hexachlorobenzene	16.651	284	149743	36.660	ng/ul	99
70) Atrazine	16.792	200	86236	23.842	ng/ul	97
71) Pentachlorophenol	16.992	266	79578	32.452	ng/ul	97
72) Phenanthrene	17.385	178	593184	35.087	ng/ul	99
74) Anthracene	17.479	178	575786	33.655	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.402	216	154477	35.046	ng/uL	97
76) Pentachlorobenzene	14.918	250	392630	83.403	ng/uL	97
77) Carbazole	17.744	167	548168	35.428	ng/ul	99
78) Di-n-butylphthalate	18.296	149	695129	35.268	ng/ul	100
80) Fluoranthene	19.395	202	710837	34.644	ng/ul	99
82) Pyrene	19.759	202	714566	34.597	ng/ul	99
83) Butylbenzylphthalate	20.634	149	308888	36.881	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	226354	33.255	ng/ul	99
85) Benzo(a)anthracene	21.580	228	726775	36.001	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.475	149	449173	37.425	ng/ul	97
87) Chrysene	21.645	228	684854	36.189	ng/ul	99
89) Di-n-octyl phthalate	22.673	149	786077	36.691	ng/ul	100
90) Benzo(b)fluoranthene	23.772	252	772603	35.786	ng/ul	99
91) Benzo(k)fluoranthene	23.842	252	764516	36.127	ng/ul	99
93) Benzo(a)pyrene	24.641	252	672611	35.198	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.437	276	889949	35.071	ng/ul	99
95) Dibenzo(a,h)anthracene	28.484	278	732419	35.003	ng/ul	99
96) Benzo(g,h,i)perylene	29.577	276	699530	33.751	ng/ul	99

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

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