Quantitation Report (Qedit)

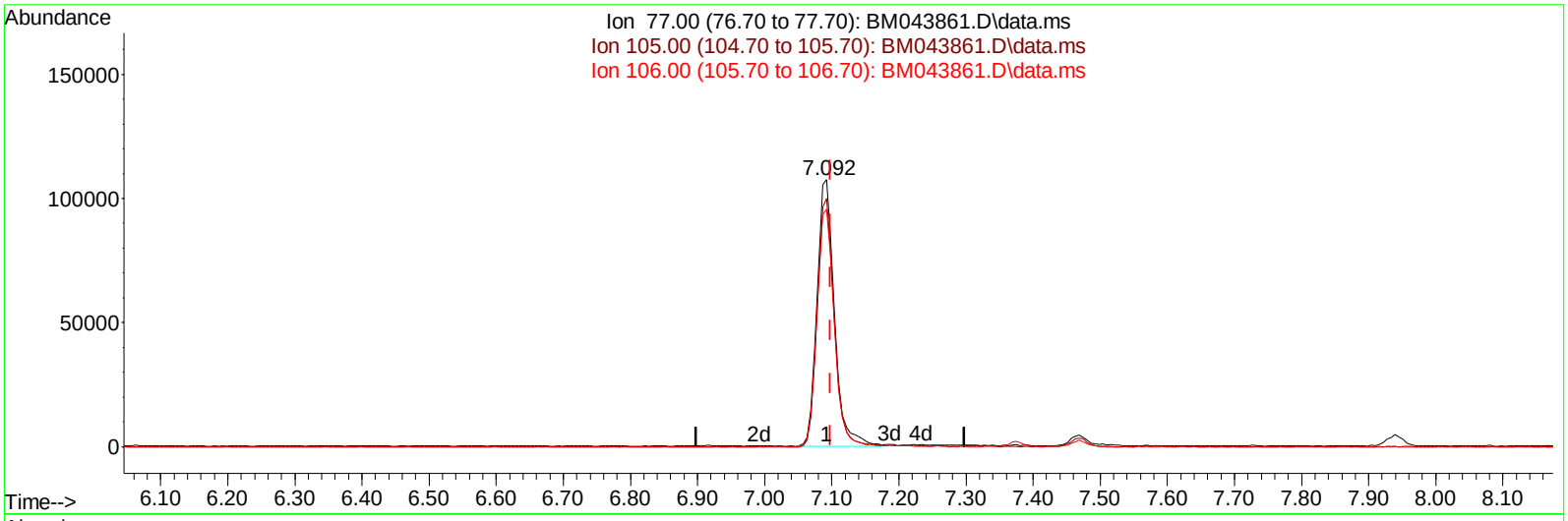
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011724\
Data File : BM043861.D
Acq On : 17 Jan 2024 11:17
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

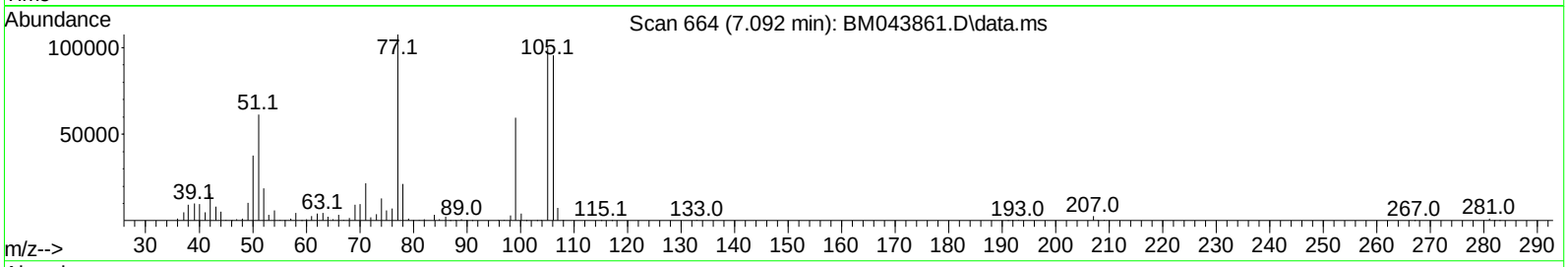
Quant Time: Jan 17 11:46:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 10 01:07:47 2024
Response via : Initial Calibration

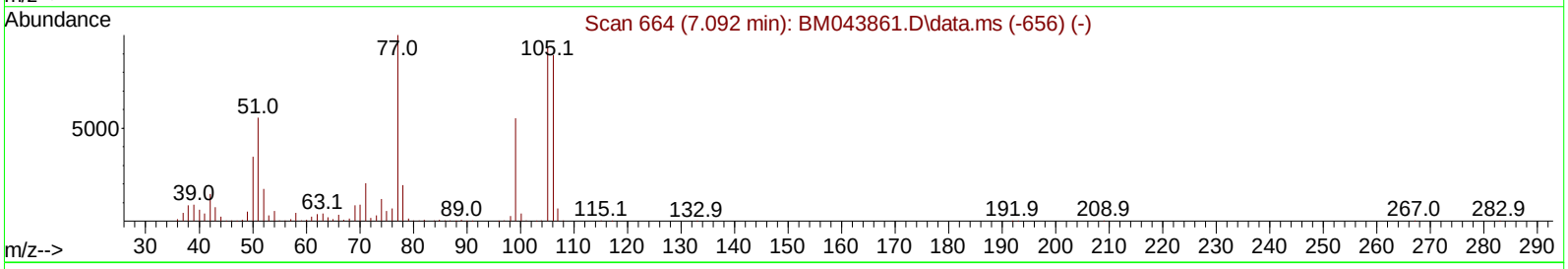
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024







TIC: BM043861.D\data.ms

(6) Benzaldehyde

7.092min (-0.006) 26.15 ng/ul

response 194455

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	93.04
106.00	92.80	88.94
0.00	0.00	0.00

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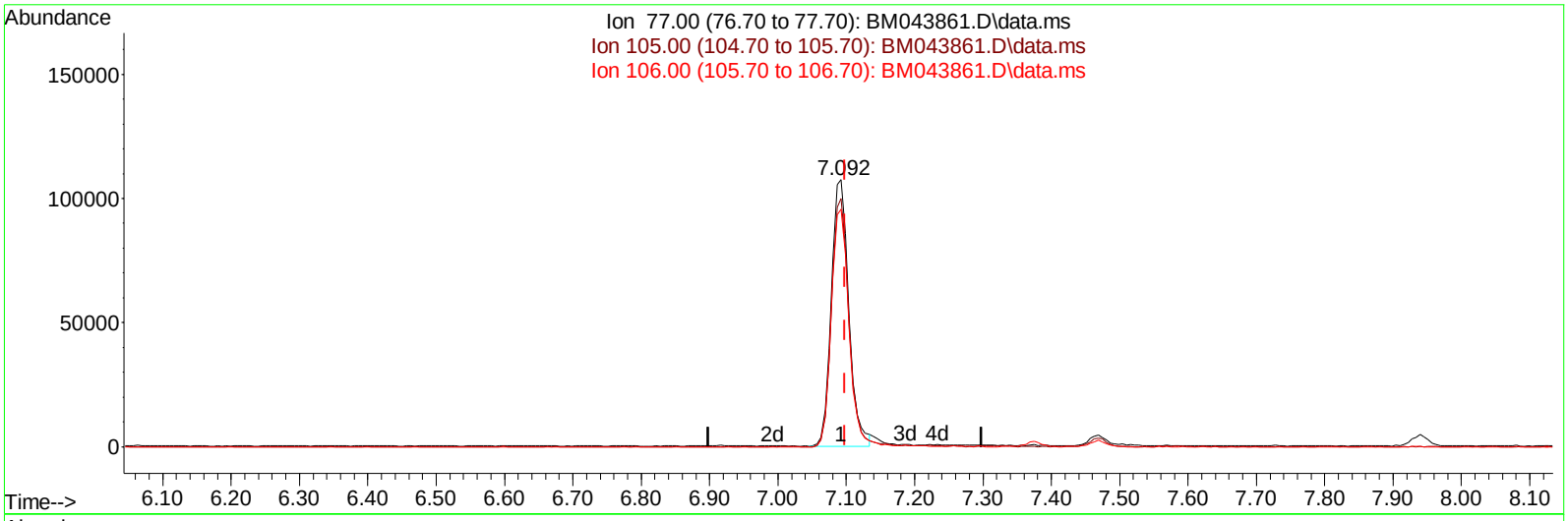

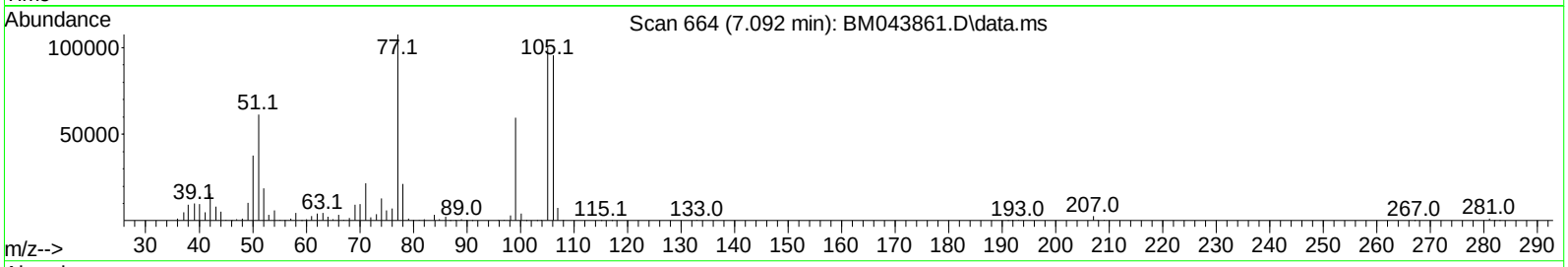

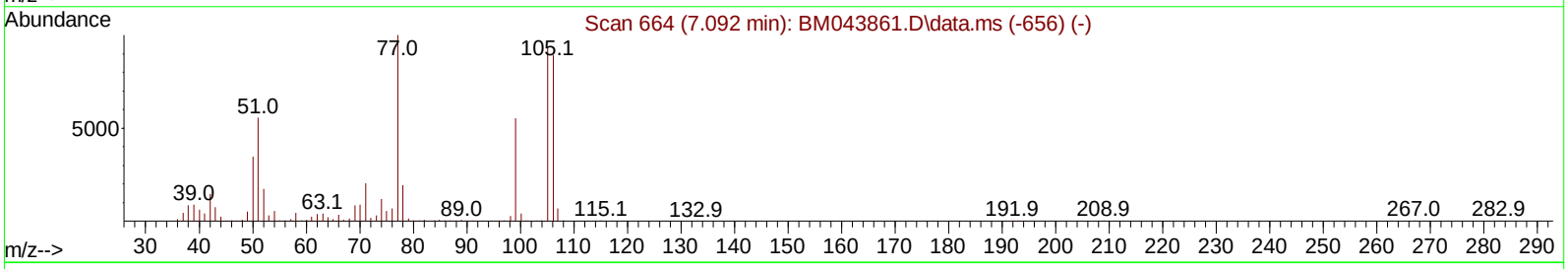

TIC: BM043861.D\data.ms

(6) Benzaldehyde

7.092min (-0.006) 25.59 ng/ul m

response 190283

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	93.04
106.00	92.80	88.94
0.00	0.00	0.00

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Acq On : 17 Jan 2024 11:17
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 17 23:54:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 10 01:07:47 2024
Response via : Initial Calibration

Instrument :
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LabSampleId :
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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	7.939	152	186168	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.751	136	888684	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	578062	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	1261069	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	1322333	20.000	ng/ul	0.00
88) Perylene-d12	23.950	264	1447541	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	35800	7.425	ng/uL	0.00
4) Pyridine-d5	3.775	84	252464	16.998	ng/ul	0.00
7) Phenol-d5	7.110	99	336315	17.851	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	232081	19.767	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.469	132	258027	18.827	ng/ul	-0.01
15) 4-Methylphenol-d8	8.657	113	272846	18.180	ng/ul	-0.02
21) Nitrobenzene-d5	9.116	128	132205	17.751	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.839	143	143300	17.087	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	267415	17.805	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.904	131	418853	17.609	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	868917	17.945	ng/ul	-0.01
49) Acenaphthylene-d8	14.280	160	1013708	18.380	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.810	143	159102	16.800	ng/ul	-0.02
60) Fluorene-d10	15.580	176	753462	18.491	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	130203	14.623	ng/ul	0.00
73) Anthracene-d10	17.439	188	1189281	18.532	ng/ul	0.00
81) Pyrene-d10	19.733	212	1381048	16.909	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	1465715	18.343	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	38172	7.545	ng/uL	98
5) Pyridine	3.793	79	277117	18.184	ng/ul	92
6) Benzaldehyde	7.092	77	190283m	25.589	ng/ul	
8) Phenol	7.134	94	344431	18.201	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.375	93	293431	19.233	ng/ul	98
12) 2-Chlorophenol	7.498	128	271431	19.080	ng/ul	96
13) 2-Methylphenol	8.392	108	263484	18.076	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	529153	20.572	ng/ul	99
16) Acetophenone	8.781	105	452799	19.458	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.757	70	257395	20.012	ng/ul	97
18) 4-Methylphenol	8.722	108	292777	18.489	ng/ul	94
19) Hexachloroethane	9.010	117	118932	19.292	ng/ul	99
22) Nitrobenzene	9.163	77	358362	19.298	ng/ul	99
23) Isophorone	9.686	82	698403	18.334	ng/ul	97
25) 2-Nitrophenol	9.869	139	159534	17.998	ng/ul	93
26) 2,4-Dimethylphenol	9.927	107	318110	18.501	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.175	93	420539	18.614	ng/ul	100
29) 2,4-Dichlorophenol	10.404	162	269538	18.102	ng/ul	98
30) Naphthalene	10.798	128	974999	18.856	ng/ul	99
32) 4-Chloroaniline	10.927	127	417802	18.074	ng/ul	100
33) Hexachlorobutadiene	11.063	225	147224	17.670	ng/ul	98
34) Caprolactam	11.733	113	90765	16.930	ng/ul	91
35) 4-Chloro-3-methylphenol	12.051	107	306866	18.600	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	676072	18.756	ng/ul	100
37) 1-Methylnaphthalene	12.627	142	674550	18.769	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.774	216	303368	17.646	ng/ul	99
40) Hexachlorocyclopentadiene	12.739	237	157992	13.741	ng/ul	99
41) 2,4,6-Trichlorophenol	13.027	196	208326	17.067	ng/ul	97
42) 2,4,5-Trichlorophenol	13.098	196	224521	17.323	ng/ul	99
43) 1,1'-Biphenyl	13.421	154	900929	18.253	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	701876	18.454	ng/ul	100
45) 2-Nitroaniline	13.686	65	229199	19.094	ng/ul	93
47) Dimethylphthalate	14.051	163	887024	18.225	ng/ul	99
48) 2,6-Dinitrotoluene	14.186	165	167423	17.356	ng/ul	95
50) Acenaphthylene	14.310	152	1200870	18.644	ng/ul	99
51) 3-Nitroaniline	14.515	138	176448	17.298	ng/ul	96
52) Acenaphthene	14.651	153	808132	18.921	ng/ul	100
53) 2,4-Dinitrophenol	14.733	184	79058	13.189	ng/ul	96
55) 4-Nitrophenol	14.827	109	134037	18.550	ng/ul	96
56) Dibenzofuran	14.986	168	1083668	18.884	ng/ul	99
57) 2,4-Dinitrotoluene	14.974	165	258668	18.203	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.215	232	188916	17.494	ng/ul	97
59) Diethylphthalate	15.415	149	932727	17.976	ng/ul	99
61) Fluorene	15.633	166	938941	19.087	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	417836	18.145	ng/ul	99
63) 4-Nitroaniline	15.680	138	157483	19.217	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.733	198	145702	15.202	ng/ul#	90
67) N-Nitrosodiphenylamine	15.851	169	757892	18.262	ng/ul	98
68) 4-Bromophenyl-phenylether	16.527	248	238397	16.897	ng/ul	98
69) Hexachlorobenzene	16.633	284	287795	17.290	ng/ul	97
70) Atrazine	16.809	200	239387	15.947	ng/ul	97
71) Pentachlorophenol	16.986	266	155505	14.860	ng/ul	98
72) Phenanthrene	17.380	178	1465193	18.919	ng/ul	99
74) Anthracene	17.474	178	1502964	19.070	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.380	216	299336	16.932	ng/uL	100
76) Pentachlorobenzene	14.898	250	310882	17.234	ng/uL	99
77) Carbazole	17.756	167	1356444	18.566	ng/ul	100
78) Di-n-butylphthalate	18.315	149	1698233	17.118	ng/ul	99
80) Fluoranthene	19.397	202	1681377	16.825	ng/ul	99
82) Pyrene	19.762	202	1830781	17.678	ng/ul	99
83) Butylbenzylphthalate	20.668	149	804801	16.434	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.450	252	558451	17.542	ng/ul	99
85) Benzo(a)anthracene	21.515	228	1886056	18.679	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.444	149	1307999	16.771	ng/ul	100
87) Chrysene	21.568	228	1701460	18.668	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	2147756	15.938	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1804415	17.784	ng/ul	98
91) Benzo(k)fluoranthene	23.262	252	1868008	18.692	ng/ul	99
93) Benzo(a)pyrene	23.844	252	1740826	18.744	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.473	276	2160849	20.387	ng/ul	99
95) Dibenzo(a,h)anthracene	26.491	278	1797216	20.464	ng/ul	99
96) Benzo(g,h,i)perylene	27.244	276	1648264	20.479	ng/ul	99

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

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