Quantitation Report (Qedit)

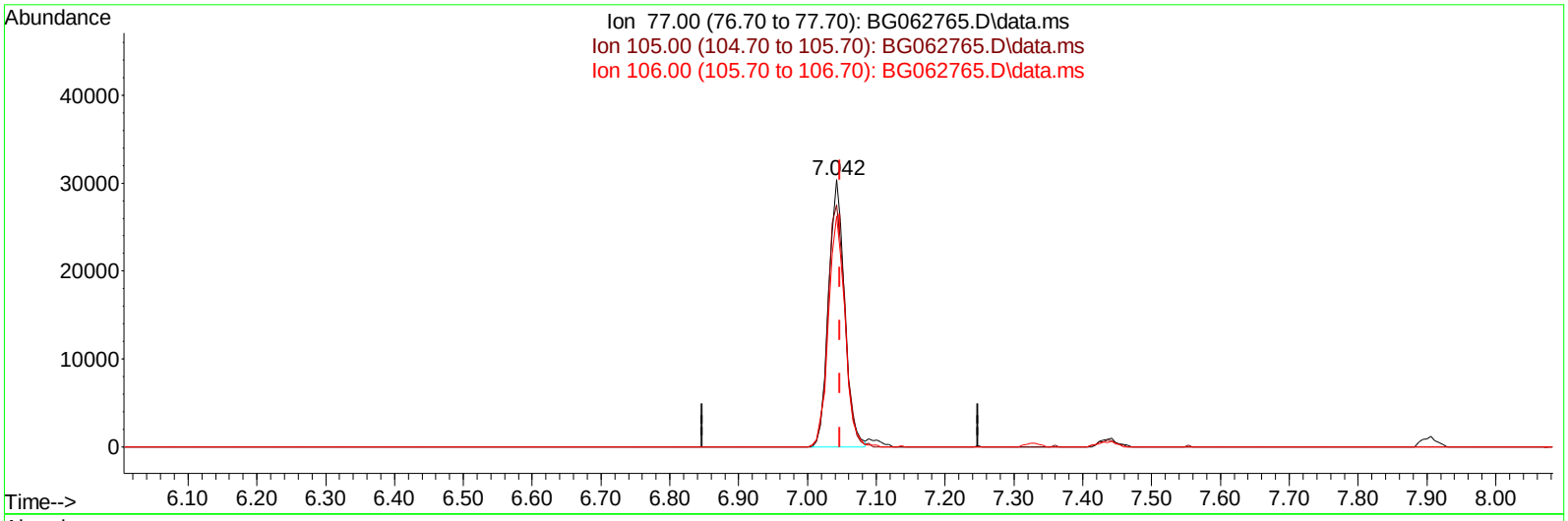
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091224\
Data File : BG062765.D
Acq On : 12 Sep 2024 17:05
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

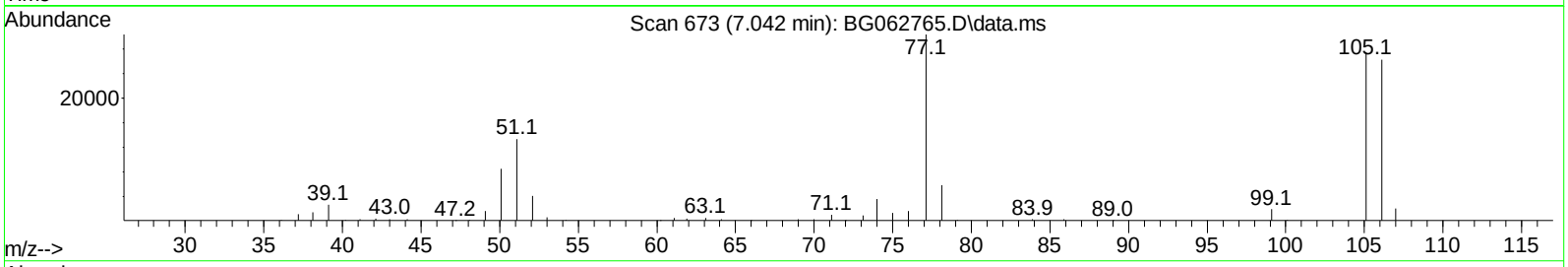
Quant Time: Sep 12 17:38:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

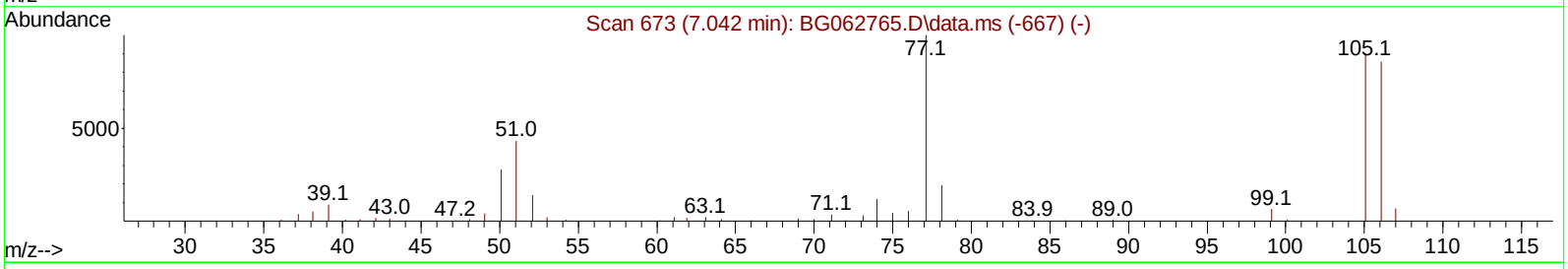
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024







TIC: BG062765.D\data.ms

(6) Benzaldehyde

7.042min (-0.005) 22.48 ng/ul

response 48930

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	90.71
106.00	86.30	86.36
0.00	0.00	0.00

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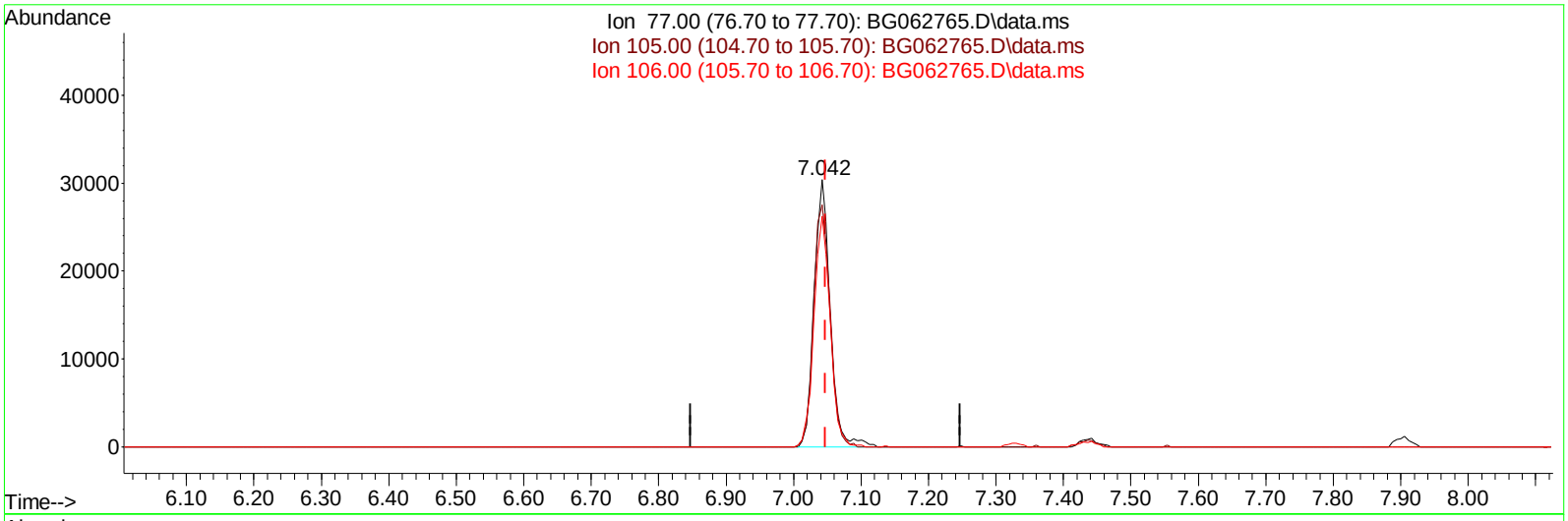

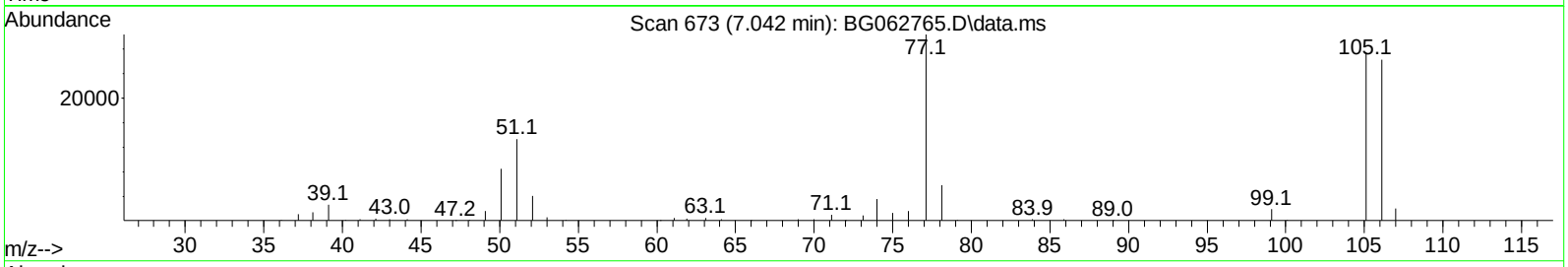

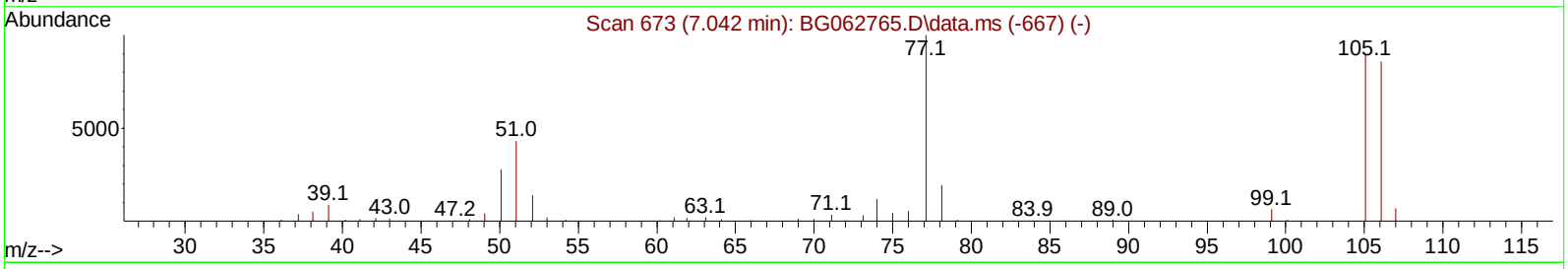

TIC: BG062765.D\data.ms

(6) Benzaldehyde

7.042min (-0.005) 23.04 ng/ul m

response 50144

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	90.71
106.00	86.30	86.36
0.00	0.00	0.00

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Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 13 00:04:10 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
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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	7.900	152	45149	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	194232	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	161164	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	425263	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	468607	20.000	ng/ul	0.00
88) Perylene-d12	24.586	264	505722	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	10399	10.412	ng/uL	0.00
4) Pyridine-d5	3.764	84	75224	23.660	ng/ul	0.00
7) Phenol-d5	7.071	99	76352	19.286	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	44189	18.617	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	56612	19.631	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	66147	20.049	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	28021	20.185	ng/ul	0.00
24) 2-Nitrophenol-d4	9.774	143	35438	23.342	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	69056	20.886	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	87383	19.227	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	231037	18.616	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	269713	19.568	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	39997	18.971	ng/ul	0.00
60) Fluorene-d10	15.526	176	218750	19.560	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	44972	18.384	ng/ul	0.00
73) Anthracene-d10	17.377	188	395959	19.729	ng/ul	0.00
81) Pyrene-d10	19.663	212	508853	19.297	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.375	264	530449	19.864	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	11905	10.635	ng/uL	91
5) Pyridine	3.787	79	76423	22.918	ng/ul	99
6) Benzaldehyde	7.042	77	50144m	23.037	ng/ul	
8) Phenol	7.095	94	80449	19.548	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.324	93	57520	18.489	ng/ul	97
12) 2-Chlorophenol	7.471	128	60344	20.466	ng/ul	95
13) 2-Methylphenol	8.346	108	63361	20.531	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.423	45	107625	19.220	ng/ul	100
16) Acetophenone	8.717	105	103796	19.357	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.705	70	52137	18.574	ng/ul#	98
18) 4-Methylphenol	8.670	108	68631	19.767	ng/ul	95
19) Hexachloroethane	8.981	117	23981	20.203	ng/ul	94
22) Nitrobenzene	9.099	77	76793	20.449	ng/ul#	92
23) Isophorone	9.621	82	148975	19.403	ng/ul	98
25) 2-Nitrophenol	9.809	139	35797	21.393	ng/ul#	92
26) 2,4-Dimethylphenol	9.868	107	71829	20.089	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.103	93	83515	19.463	ng/ul	94
29) 2,4-Dichlorophenol	10.344	162	69755	21.420	ng/ul#	94
30) Naphthalene	10.744	128	207182	19.894	ng/ul	99
32) 4-Chloroaniline	10.849	127	87993	19.468	ng/ul	93
33) Hexachlorobutadiene	11.032	225	57861	21.328	ng/ul	90
34) Caprolactam	11.596	113	22286	18.569	ng/ul	95
35) 4-Chloro-3-methylphenol	11.977	107	74156	20.875	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.354	142	160479	20.879	ng/ul	93
37) 1-Methylnaphthalene	12.571	142	161399	20.500	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.724	216	112774	20.354	ng/ul	99
40) Hexachlorocyclopentadiene	12.706	237	44929	15.848	ng/ul	90
41) 2,4,6-Trichlorophenol	12.965	196	68357	20.368	ng/ul	99
42) 2,4,5-Trichlorophenol	13.035	196	77007	21.372	ng/ul	98
43) 1,1'-Biphenyl	13.364	154	222430	19.626	ng/ul	99
44) 2-Chloronaphthalene	13.405	162	183711	19.934	ng/ul	98
45) 2-Nitroaniline	13.605	65	50551	19.990	ng/ul	99
47) Dimethylphthalate	13.981	163	239515	18.740	ng/ul	99
48) 2,6-Dinitrotoluene	14.099	165	47162	20.945	ng/ul	97
50) Acenaphthylene	14.251	152	282478	19.412	ng/ul	99
51) 3-Nitroaniline	14.433	138	45866	20.345	ng/ul	96
52) Acenaphthene	14.598	153	196973	19.109	ng/ul	99
53) 2,4-Dinitrophenol	14.639	184	23122	15.551	ng/ul	93
55) 4-Nitrophenol	14.745	109	34600	18.257	ng/ul	92
56) Dibenzofuran	14.927	168	296601	19.370	ng/ul	97
57) 2,4-Dinitrotoluene	14.892	165	71233	20.233	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.156	232	70571	19.326	ng/ul	96
59) Diethylphthalate	15.350	149	232681	18.454	ng/ul	99
61) Fluorene	15.579	166	236696	19.677	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.573	204	137641	19.507	ng/ul	98
63) 4-Nitroaniline	15.591	138	50632	20.871	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.656	198	47072	18.564	ng/ul	97
67) N-Nitrosodiphenylamine	15.785	169	210494	19.300	ng/ul	98
68) 4-Bromophenyl-phenylether	16.466	248	96184	19.655	ng/ul	97
69) Hexachlorobenzene	16.584	284	110858	19.841	ng/ul	98
70) Atrazine	16.737	200	97529	20.078	ng/ul	98
71) Pentachlorophenol	16.931	266	75582	22.616	ng/ul	94
72) Phenanthrene	17.318	178	436829	19.753	ng/ul	99
74) Anthracene	17.406	178	451239	20.015	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.329	216	118461	20.398	ng/ul	96
76) Pentachlorobenzene	14.851	250	126535	19.662	ng/ul	98
77) Carbazole	17.677	167	384709	20.577	ng/ul	98
78) Di-n-butylphthalate	18.241	149	448884	20.302	ng/ul	99
80) Fluoranthene	19.334	202	572562	19.605	ng/ul	99
82) Pyrene	19.698	202	605640	19.265	ng/ul	100
83) Butylbenzylphthalate	20.591	149	197738	21.188	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.425	252	212738	21.563	ng/ul	98
85) Benzo(a)anthracene	21.508	228	635061	19.485	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.425	149	282961	20.591	ng/ul	98
87) Chrysene	21.566	228	606268	19.608	ng/ul	99
89) Di-n-octyl phthalate	22.583	149	482937	20.530	ng/ul	100
90) Benzo(b)fluoranthene	23.617	252	609672	19.526	ng/ul	99
91) Benzo(k)fluoranthene	23.681	252	634811	19.856	ng/ul	99
93) Benzo(a)pyrene	24.445	252	577571	19.612	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.041	276	761713	20.992	ng/ul	98
95) Dibenzo(a,h)anthracene	28.100	278	604812	20.751	ng/ul	100
96) Benzo(g,h,i)perylene	29.116	276	592189	21.131	ng/ul	100

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

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