Quantitation Report (Qedit)

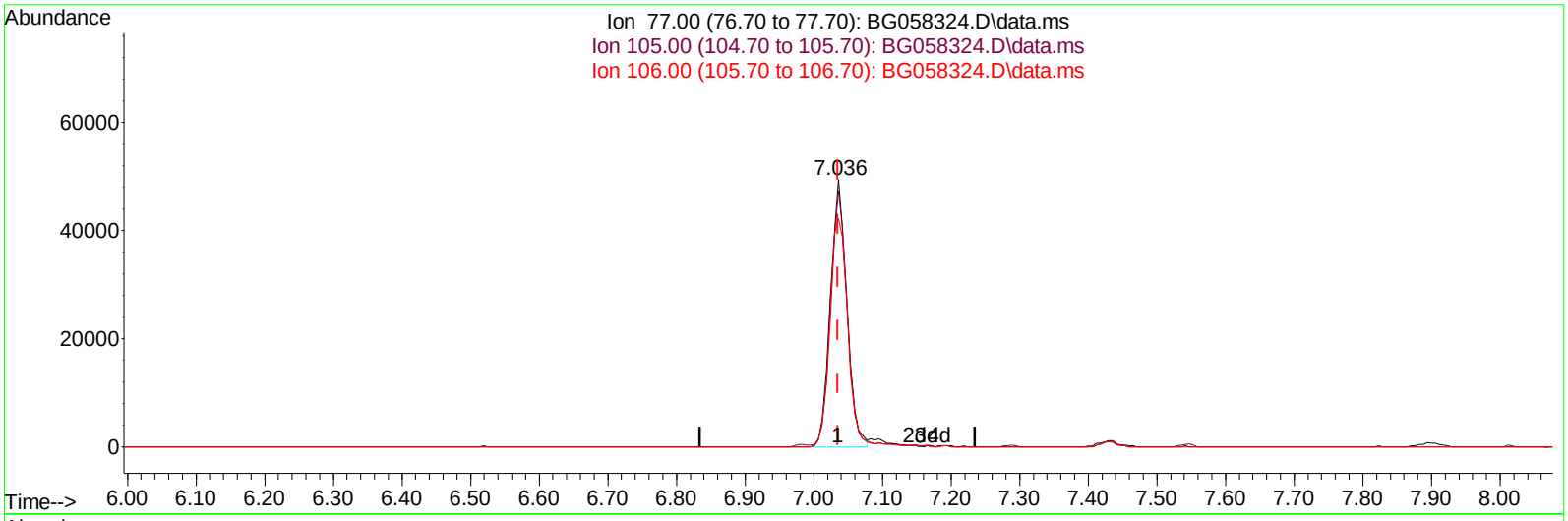
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058324.D
Acq On : 19 Jul 2023 10:41
Operator : CG/JU
Sample : 03452-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

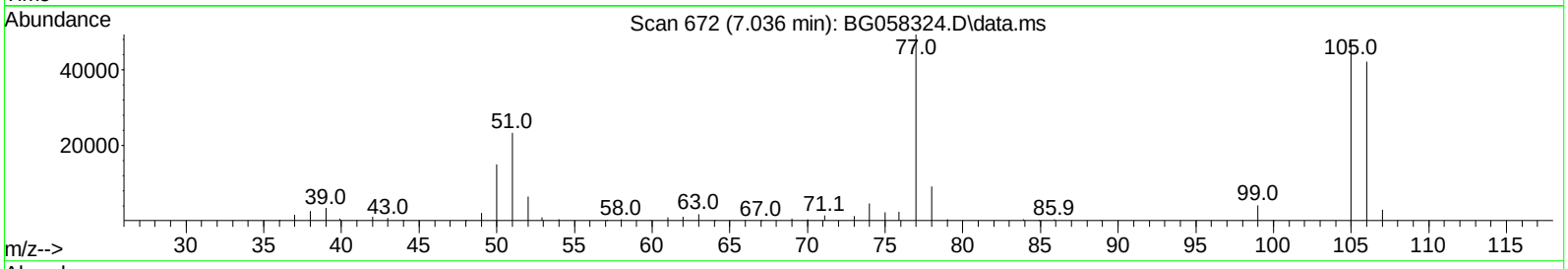
Quant Time: Jul 19 11:19:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

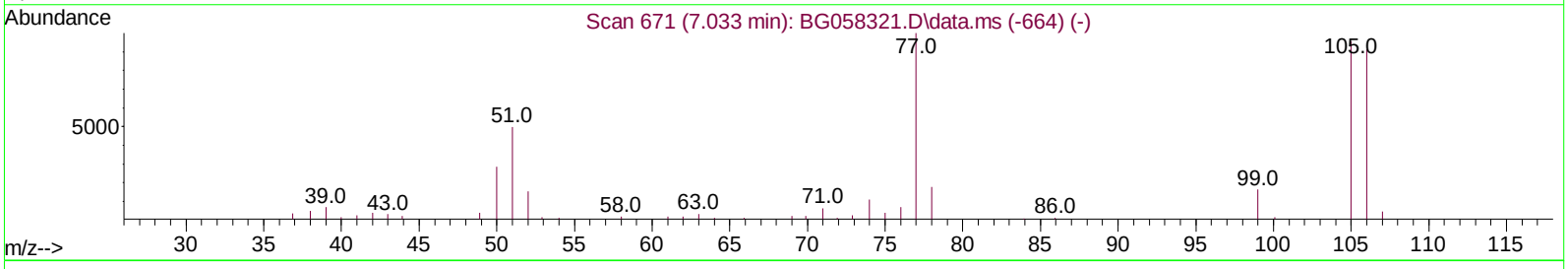
Instrument :
BNA_G
ClientSampleId :
A4665

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023







TIC: BG058324.D\data.ms

(6) Benzaldehyde

7.036min (+ 0.001) 56.85 ng/ul

response 82461

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	95.85
106.00	89.50	85.50
0.00	0.00	0.00

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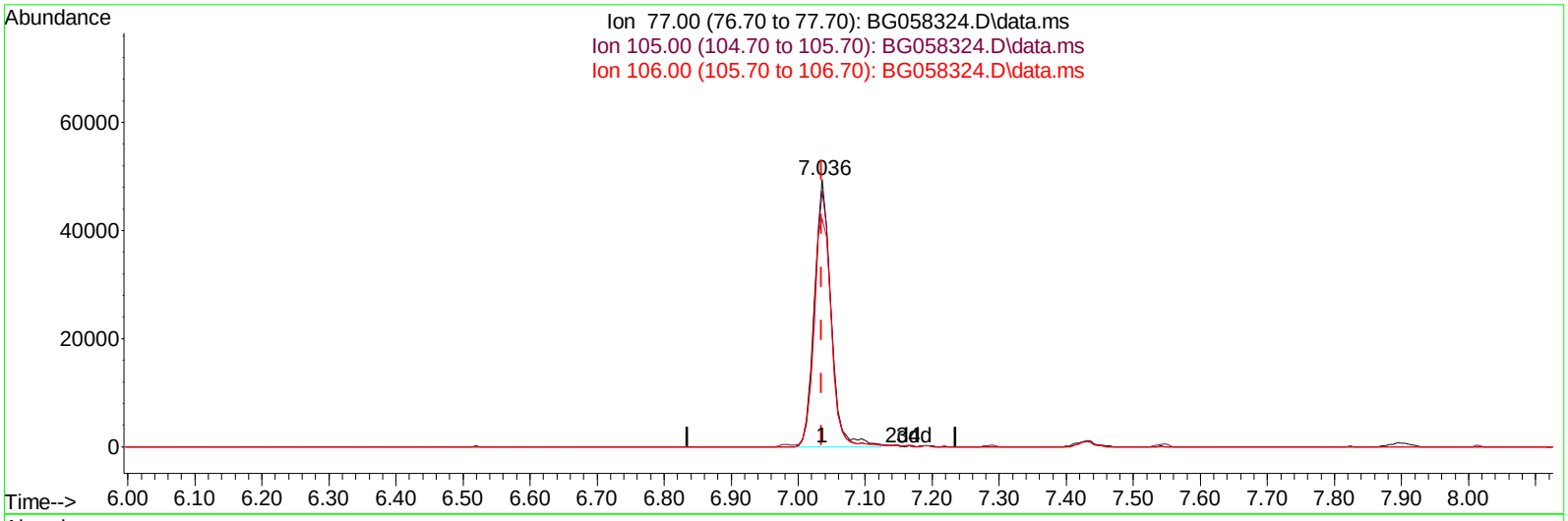

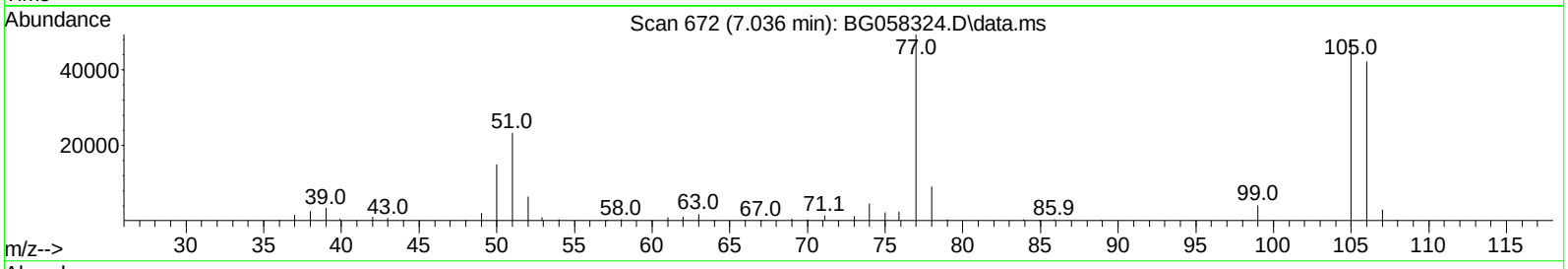

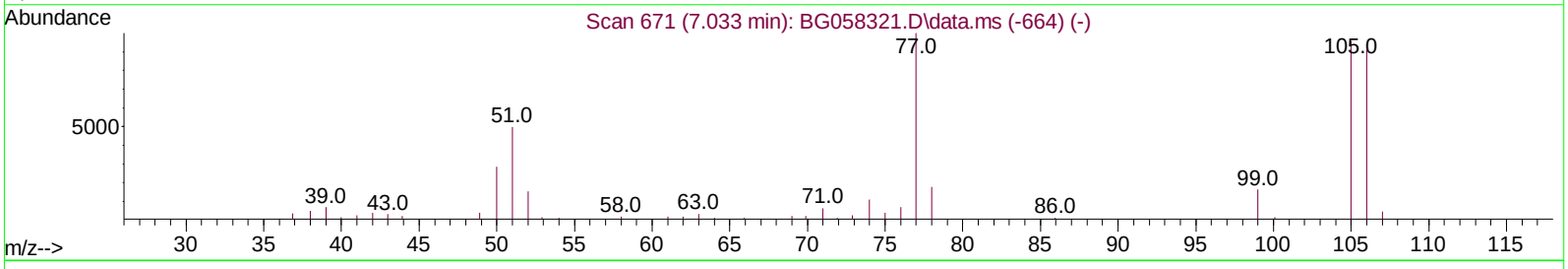

TIC: BG058324.D\data.ms

(6) Benzaldehyde

7.036min (+ 0.001) 58.58 ng/ul m

response 84974

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	95.85
106.00	89.50	85.50
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
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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	37861	20.000	ng/ul	0.00
20) Naphthalene-d8	10.702	136	177330	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	135112	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.283	188	322821	20.000	ng/ul	0.00
79) Chrysene-d12	21.537	240	261373	20.000	ng/ul	0.00
88) Perylene-d12	24.668	264	320453	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3767	3.662	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.060	99	117260	32.648	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	66494	29.621	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	80075	31.850	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	86098	31.428	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	42539	32.004	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	47199	32.526	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	93193	33.502	ng/ul	0.00
31) 4-Chloroaniline-d4	10.837	131	86090	21.348	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	335994	32.249	ng/ul	0.00
49) Acenaphthylene-d8	14.233	160	367631	33.670	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	52887	33.612	ng/ul	0.00
60) Fluorene-d10	15.532	176	302628	35.084	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	50804	30.889	ng/ul	0.00
73) Anthracene-d10	17.383	188	512770	36.761	ng/ul	0.00
81) Pyrene-d10	19.674	212	594079	38.483	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.457	264	601740	38.851	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	22708	19.462	ng/uL	94
6) Benzaldehyde	7.036	77	84974m	58.583	ng/ul	
8) Phenol	7.089	94	139222	37.326	ng/ul	96
12) 2-Chlorophenol	7.459	128	61529	23.380	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.699	70	69712	27.301	ng/ul	99
22) Nitrobenzene	9.104	77	76369	21.545	ng/ul	100
25) 2-Nitrophenol	9.815	139	38139	24.606	ng/ul	93
29) 2,4-Dichlorophenol	10.350	162	70968	26.880	ng/ul	94
30) Naphthalene	10.749	128	164731	17.379	ng/ul	99
33) Hexachlorobutadiene	11.031	225	47280	25.043	ng/ul	96
35) 4-Chloro-3-methylphenol	11.983	107	145987	43.448	ng/ul	97
37) 1-Methylnaphthalene	12.582	142	164120	25.216	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.729	216	79988	20.451	ng/ul	99
41) 2,4,6-Trichlorophenol	12.970	196	87804	33.162	ng/ul	99
43) 1,1'-Biphenyl	13.370	154	247167	27.053	ng/ul	100
44) 2-Chloronaphthalene	13.411	162	121876	16.778	ng/ul	97
47) Dimethylphthalate	13.987	163	210759	20.139	ng/ul	98
48) 2,6-Dinitrotoluene	14.110	165	54614	27.006	ng/ul	97
52) Acenaphthene	14.604	153	184909	22.597	ng/ul	99
55) 4-Nitrophenol	14.756	109	32367	26.710	ng/ul	90
56) Dibenzofuran	14.933	168	230411	19.775	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.162	232	62762	24.060	ng/ul#	98
62) 4-Chlorophenyl-phenyle...	15.573	204	92210	18.178	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4,6-Dinitro-2-methylph...	15.667	198	83574	49.390	ng/ul	98
69) Hexachlorobenzene	16.590	284	87378	22.647	ng/ul	97
71) Pentachlorophenol	16.936	266	91797	42.386	ng/ul	95
72) Phenanthrene	17.324	178	319843	20.849	ng/ul	99
74) Anthracene	17.418	178	359537	23.345	ng/ul	98
77) Carbazole	17.688	167	331943	24.864	ng/ul	99
78) Di-n-butylphthalate	18.241	149	359491	21.191	ng/ul	100
80) Fluoranthene	19.339	202	802965	45.403	ng/ul	99
82) Pyrene	19.704	202	577399	32.222	ng/ul	99
83) Butylbenzylphthalate	20.585	149	147497	20.903	ng/ul	95
85) Benzo(a)anthracene	21.513	228	698110	39.737	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	264899	26.394	ng/ul	99
87) Chrysene	21.578	228	480231	28.819	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	531283	28.654	ng/ul	99
93) Benzo(a)pyrene	24.521	252	449539	27.260	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.246	276	648320	29.838	ng/ul	100
95) Dibenzo(a,h)anthracene	28.293	278	418130	23.468	ng/ul	98

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

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