Quantitation Report (Qedit)

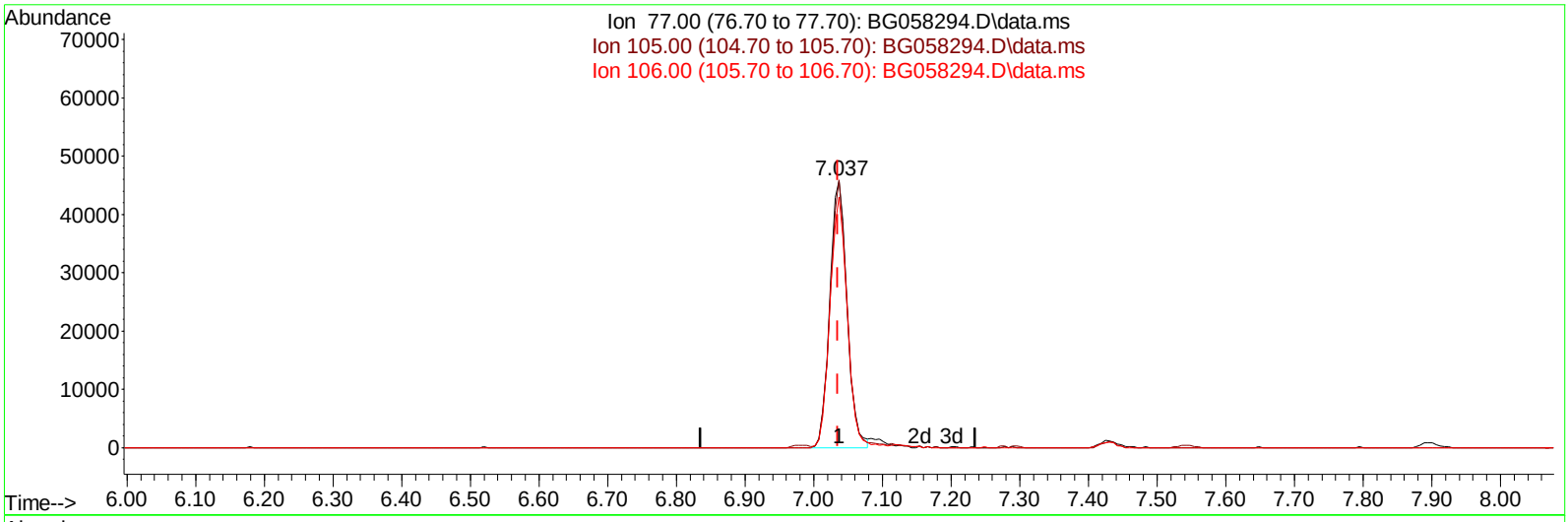
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058294.D
Acq On : 18 Jul 2023 9:58
Operator : CG/JU
Sample : 03444-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

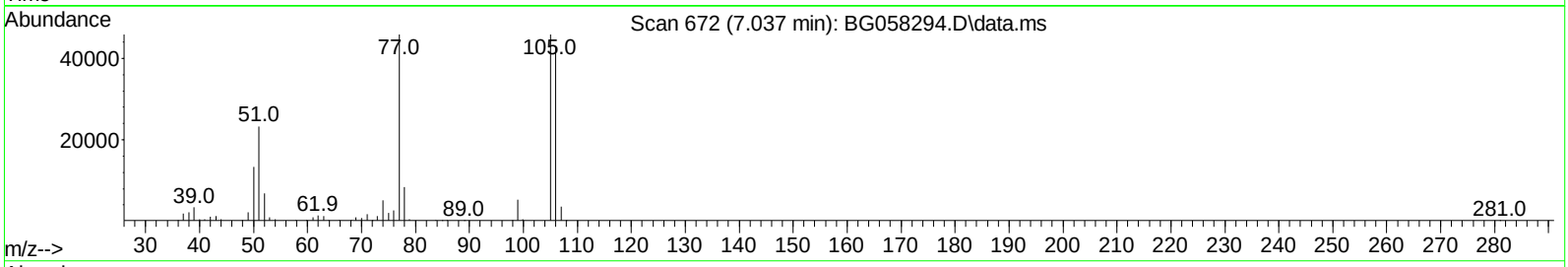
Quant Time: Jul 18 10:32:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

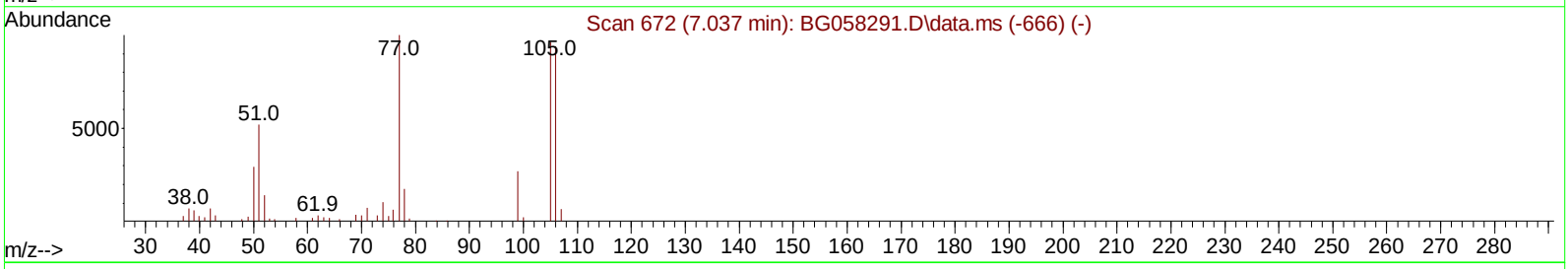
Instrument :
BNA_G
ClientSampleId :
A4672

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023







TIC: BG058294.D\data.ms

(6) Benzaldehyde

7.037min (+ 0.002) 56.46 ng/ul

response 79965

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	100.03
106.00	89.50	93.70
0.00	0.00	0.00

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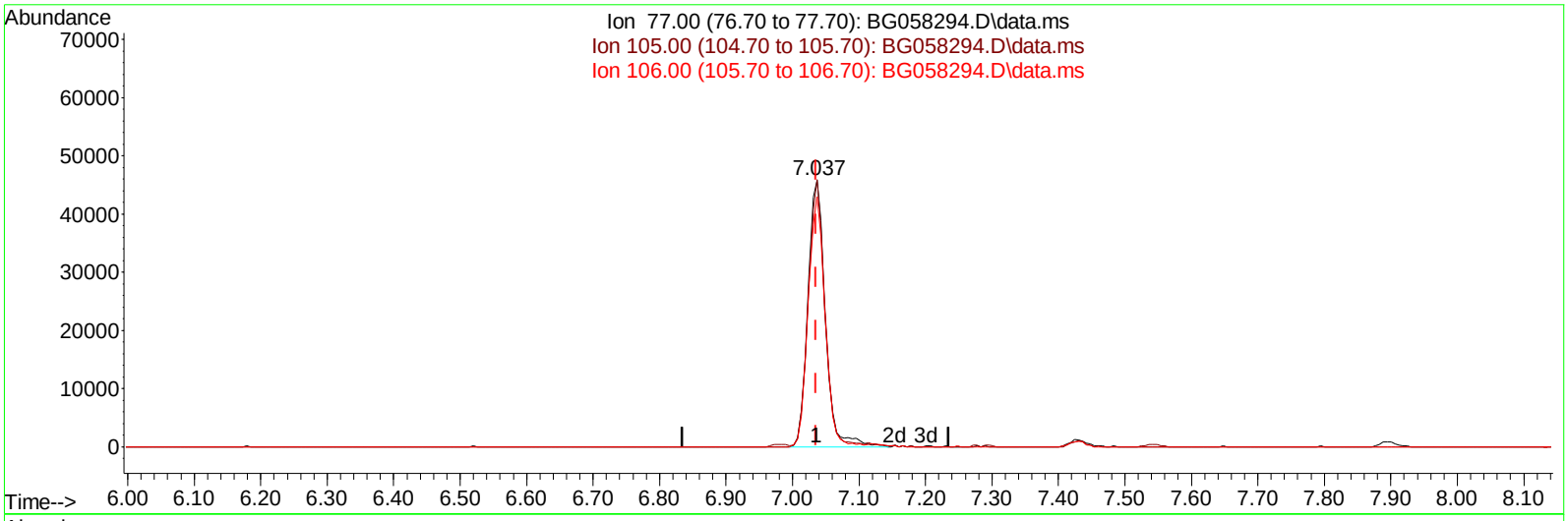

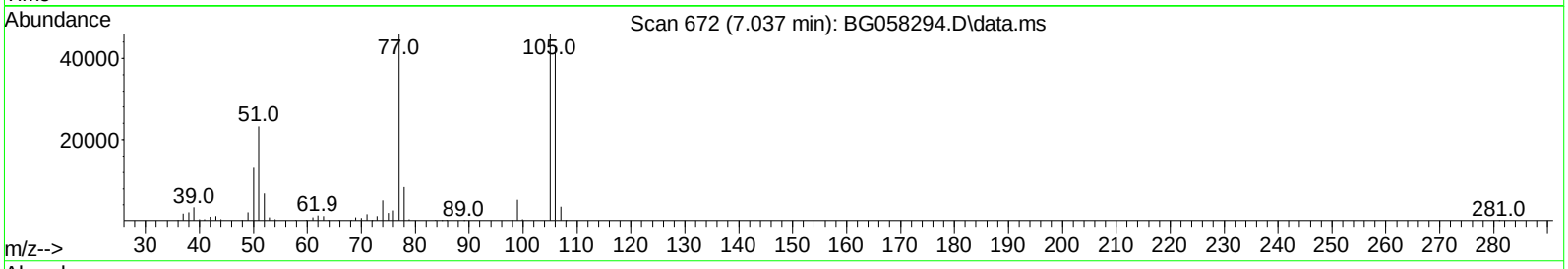

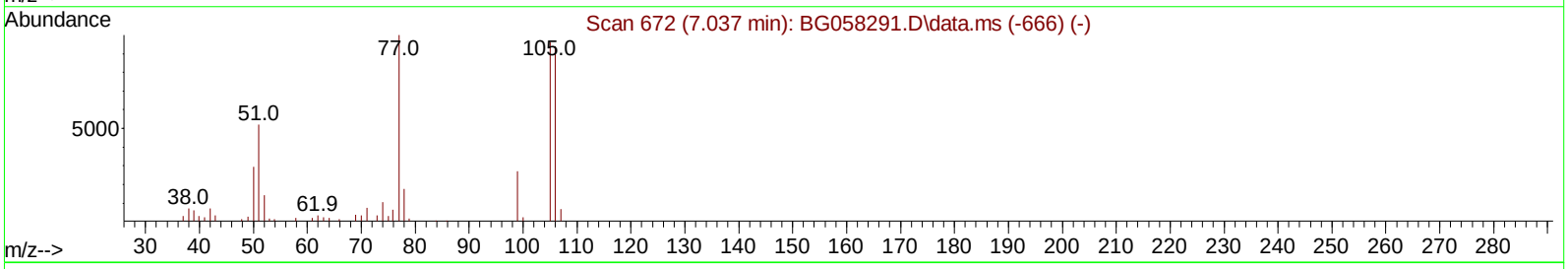

TIC: BG058294.D\data.ms

(6) Benzaldehyde

7.037min (+ 0.002) 58.42 ng/ul m

response 82747

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	100.03
106.00	89.50	93.70
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	36969	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	168864	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	125982	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.278	188	317700	20.000	ng/ul	0.00
79) Chrysene-d12	21.532	240	267609	20.000	ng/ul	0.00
88) Perylene-d12	24.669	264	326660	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	4772	4.751	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.060	99	118209	33.707	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	69147	31.546	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	80895	32.953	ng/ul	0.00
15) 4-Methylphenol-d8	8.606	113	80207	29.984	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	42379	33.482	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	47653	34.486	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	89878	33.930	ng/ul	0.00
31) 4-Chloroaniline-d4	10.838	131	99520	25.916	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	361059	37.166	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	359887	35.350	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	57795	39.393	ng/ul	0.00
60) Fluorene-d10	15.527	176	298597	37.125	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	56225	34.736	ng/ul	0.00
73) Anthracene-d10	17.378	188	530854	38.671	ng/ul	0.00
81) Pyrene-d10	19.669	212	643807	40.732	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.452	264	638633	40.449	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	25160	22.083	ng/uL#	93
6) Benzaldehyde	7.037	77	82747m	58.424	ng/ul	
8) Phenol	7.090	94	143049	39.278	ng/ul	97
12) 2-Chlorophenol	7.460	128	62787	24.434	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.700	70	70463	28.261	ng/ul	98
22) Nitrobenzene	9.099	77	76920	22.788	ng/ul	100
25) 2-Nitrophenol	9.810	139	39185	26.548	ng/ul	98
29) 2,4-Dichlorophenol	10.345	162	69839	27.778	ng/ul	93
30) Naphthalene	10.750	128	163636	18.129	ng/ul	99
33) Hexachlorobutadiene	11.032	225	47234	26.273	ng/ul	97
35) 4-Chloro-3-methylphenol	11.984	107	139409	43.570	ng/ul	94
37) 1-Methylnaphthalene	12.577	142	159938	25.806	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.730	216	77020	21.119	ng/ul	96
41) 2,4,6-Trichlorophenol	12.965	196	87474	35.432	ng/ul	97
43) 1,1'-Biphenyl	13.371	154	242475	28.463	ng/ul	98
44) 2-Chloronaphthalene	13.412	162	117727	17.381	ng/ul	95
47) Dimethylphthalate	13.987	163	228355	23.402	ng/ul	98
48) 2,6-Dinitrotoluene	14.111	165	53865	28.566	ng/ul	98
52) Acenaphthene	14.599	153	180907	23.710	ng/ul	99
55) 4-Nitrophenol	14.751	109	34751	30.755	ng/ul	97
56) Dibenzofuran	14.933	168	225844	20.788	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.163	232	64104	26.356	ng/ul#	97
62) 4-Chlorophenyl-phenyle...	15.574	204	92651	19.589	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4,6-Dinitro-2-methylph...	15.662	198	91224	54.780	ng/ul	99
69) Hexachlorobenzene	16.584	284	90628	23.868	ng/ul	97
71) Pentachlorophenol	16.931	266	86572	40.617	ng/ul	94
72) Phenanthrene	17.325	178	329876	21.849	ng/ul	99
74) Anthracene	17.413	178	366346	24.170	ng/ul	98
77) Carbazole	17.683	167	326487	24.849	ng/ul	99
78) Di-n-butylphthalate	18.235	149	378386	22.664	ng/ul	99
80) Fluoranthene	19.334	202	873743	48.254	ng/ul	99
82) Pyrene	19.698	202	619370	33.759	ng/ul	99
83) Butylbenzylphthalate	20.580	149	153942	21.308	ng/ul	98
85) Benzo(a)anthracene	21.514	228	743393	41.329	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.414	149	277512	27.006	ng/ul	100
87) Chrysene	21.579	228	529915	31.059	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	572158	30.273	ng/ul	99
93) Benzo(a)pyrene	24.516	252	484106	28.798	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.230	276	683835	30.875	ng/ul	100
95) Dibenzo(a,h)anthracene	28.294	278	439538	24.201	ng/ul	99

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

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