Quantitation Report (Qedit)

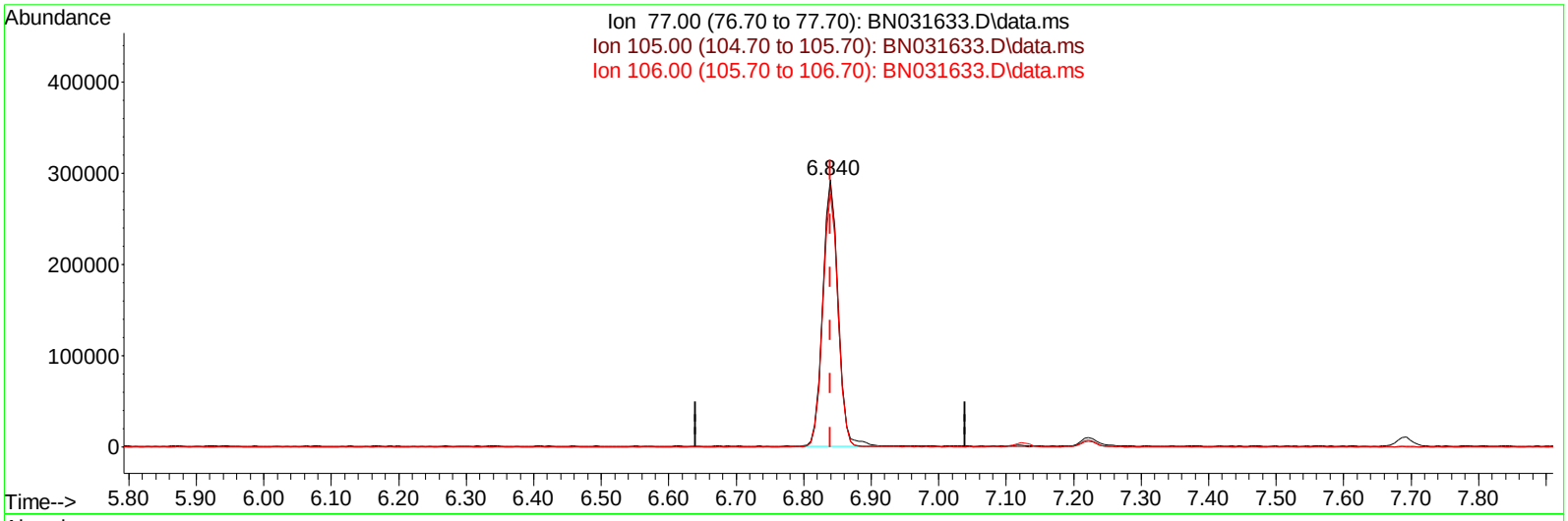
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031633.D
Acq On : 23 May 2024 15:37
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

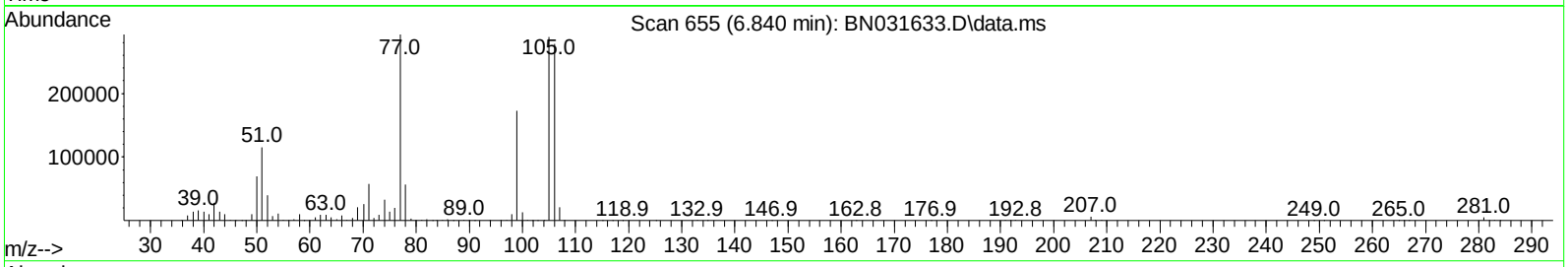
Quant Time: May 23 22:51:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration

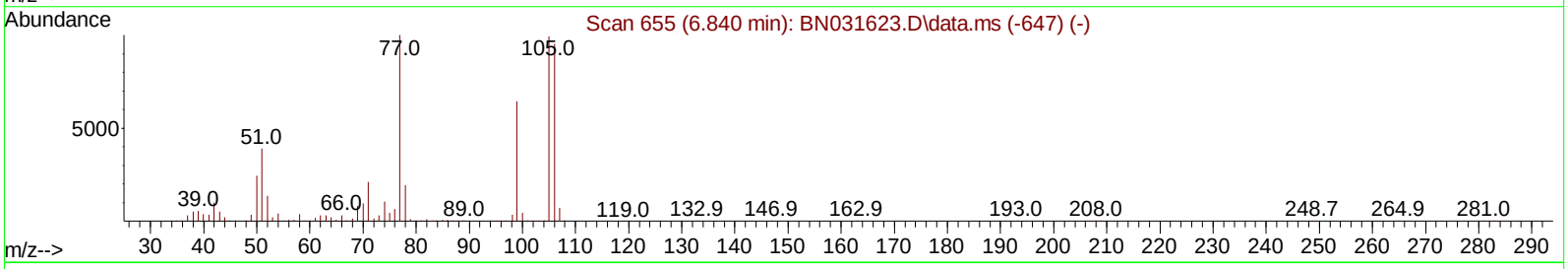
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024







TIC: BN031633.D\data.ms

(6) Benzaldehyde

6.840min (-0.000) 23.48 ng/ul

response 461148

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.60	98.51
106.00	94.40	94.82
0.00	0.00	0.00

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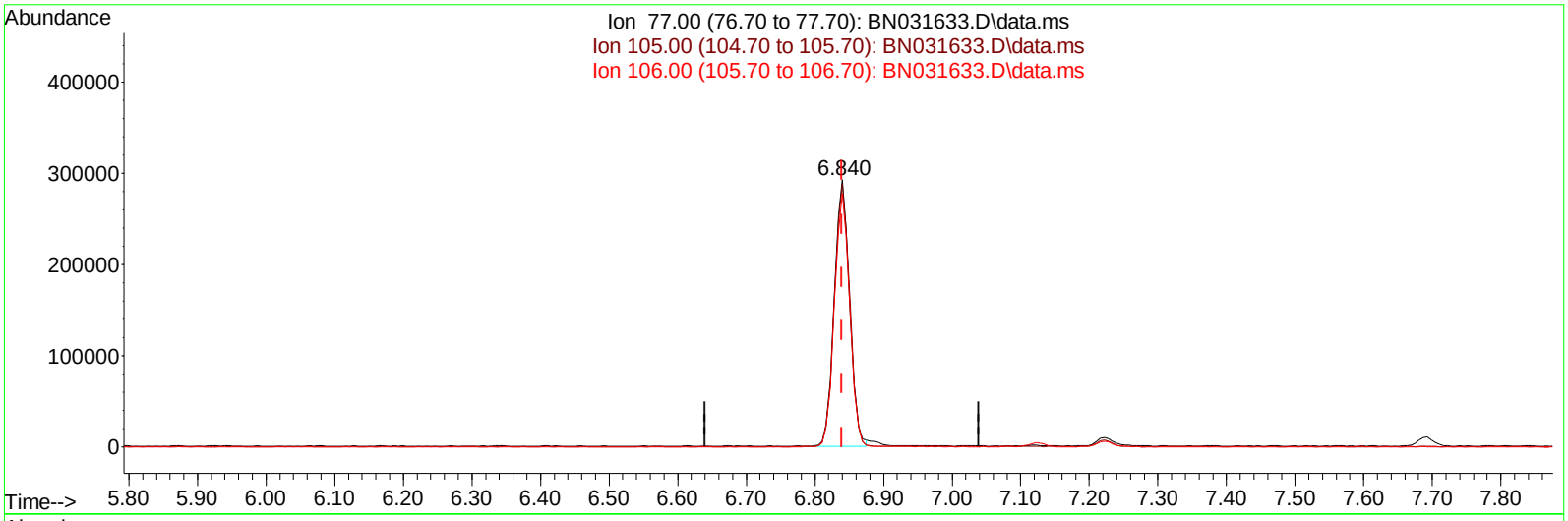

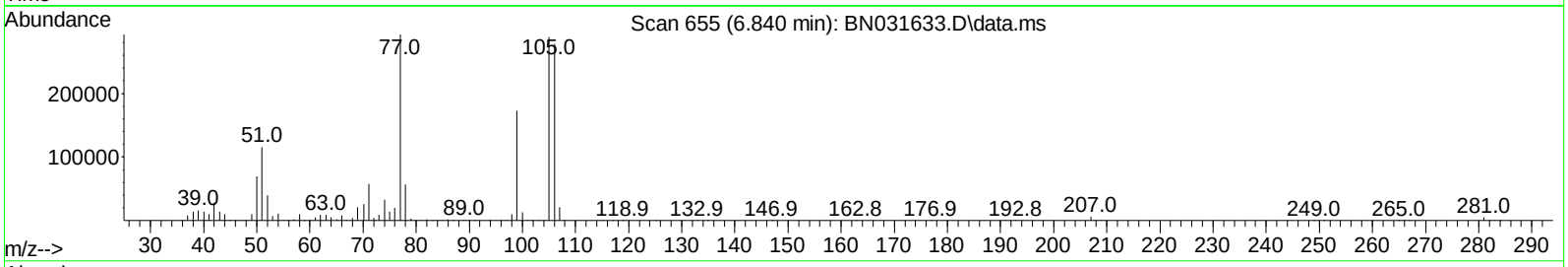

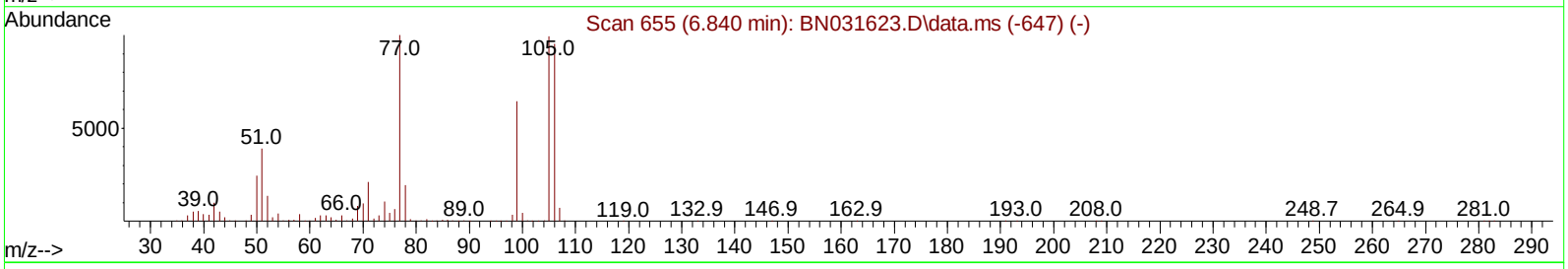

TIC: BN031633.D\data.ms

(6) Benzaldehyde

6.840min (-0.000) 23.25 ng/ul m

response 456502

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.60	98.51
106.00	94.40	94.82
0.00	0.00	0.00

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

Quant Time: May 23 23:14:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration

Instrument :
BNA_N
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	7.693	152	465754	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	2062328	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1256296	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	2451156	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1602441	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1353202	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	94220	8.018	ng/uL	0.00
4) Pyridine-d5	3.599	84	677309	20.655	ng/ul	0.00
7) Phenol-d5	6.857	99	805919	21.020	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	486733	21.167	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	600525	20.327	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	640136	21.567	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	300198	19.233	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	279981	18.785	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	586569	20.128	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	874620	20.820	ng/ul	0.00
46) Dimethylphthalate-d6	13.745	166	1659875	20.965	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	2016110	20.317	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	317059	21.165	ng/ul	0.00
60) Fluorene-d10	15.322	176	1458298	21.254	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	182525	17.224	ng/ul	0.00
73) Anthracene-d10	17.169	188	2089788	20.140	ng/ul	0.00
81) Pyrene-d10	19.463	212	2151746	21.408	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	1319071	20.709	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	99707	8.052	ng/uL	97
5) Pyridine	3.622	79	694173	21.509	ng/ul	96
6) Benzaldehyde	6.840	77	456502m	23.246	ng/ul	
8) Phenol	6.881	94	842409	21.379	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.122	93	687399	21.022	ng/ul	100
12) 2-Chlorophenol	7.252	128	623637	20.128	ng/ul	98
13) 2-Methylphenol	8.128	108	622747	21.098	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	810583	21.460	ng/ul	98
16) Acetophenone	8.510	105	1028436	22.214	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.499	70	510198	21.451	ng/ul	100
18) 4-Methylphenol	8.451	108	672047	21.423	ng/ul	96
19) Hexachloroethane	8.763	117	269024	20.322	ng/ul	98
22) Nitrobenzene	8.887	77	754781	19.741	ng/ul	97
23) Isophorone	9.410	82	1461420	20.093	ng/ul	99
25) 2-Nitrophenol	9.593	139	322247	19.398	ng/ul	97
26) 2,4-Dimethylphenol	9.651	107	673027	19.833	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.893	93	918090	19.801	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	576614	19.959	ng/ul	96
30) Naphthalene	10.522	128	2133029	20.097	ng/ul	100
32) 4-Chloroaniline	10.634	127	868438	21.187	ng/ul	100
33) Hexachlorobutadiene	10.804	225	342326	19.363	ng/ul	97
34) Caprolactam	11.393	113	200092	21.385	ng/ul	98
35) 4-Chloro-3-methylphenol	11.757	107	658337	20.983	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.140	142	1420031	20.445	ng/ul	96
37) 1-Methylnaphthalene	12.363	142	1407587	20.473	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.504	216	688229	19.357	ng/ul	100
40) Hexachlorocyclopentadiene	12.487	237	349207	16.385	ng/ul	93
41) 2,4,6-Trichlorophenol	12.751	196	439295	19.995	ng/ul	95
42) 2,4,5-Trichlorophenol	12.816	196	465262	19.562	ng/ul	84
43) 1,1'-Biphenyl	13.163	154	1820657	20.102	ng/ul	99
44) 2-Chloronaphthalene	13.198	162	1427501	19.905	ng/ul	98
45) 2-Nitroaniline	13.410	65	389867	20.766	ng/ul	97
47) Dimethylphthalate	13.792	163	1720543	21.297	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	328859	21.359	ng/ul	97
50) Acenaphthylene	14.051	152	2364789	20.644	ng/ul	99
51) 3-Nitroaniline	14.234	138	368678	21.096	ng/ul	98
52) Acenaphthene	14.392	153	1518834	20.465	ng/ul	94
53) 2,4-Dinitrophenol	14.439	184	114127	16.142	ng/ul	96
55) 4-Nitrophenol	14.539	109	241600	21.405	ng/ul	96
56) Dibenzofuran	14.728	168	2029340	20.482	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	470086	22.790	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	361422	20.919	ng/ul	99
59) Diethylphthalate	15.163	149	1674264	21.994	ng/ul	97
61) Fluorene	15.375	166	1671432	21.536	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	780269	20.883	ng/ul	95
63) 4-Nitroaniline	15.398	138	365749	23.336	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.451	198	202487	17.423	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	1414040	19.597	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	473190	19.173	ng/ul	96
69) Hexachlorobenzene	16.375	284	527904	19.819	ng/ul	94
70) Atrazine	16.545	200	391514	20.161	ng/ul	98
71) Pentachlorophenol	16.716	266	280713	18.477	ng/ul	87
72) Phenanthrene	17.116	178	2521438	20.269	ng/ul	99
74) Anthracene	17.204	178	2528909	20.263	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.116	216	684920	17.577	ng/uL	97
76) Pentachlorobenzene	14.639	250	627584	17.786	ng/uL	95
77) Carbazole	17.475	167	2312637	21.714	ng/ul	98
78) Di-n-butylphthalate	18.051	149	2657178	21.729	ng/ul	100
80) Fluoranthene	19.127	202	2635222	21.211	ng/ul	99
82) Pyrene	19.492	202	2679210	21.028	ng/ul	98
83) Butylbenzylphthalate	20.410	149	961726	22.241	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.215	252	550699	17.873	ng/ul	94
85) Benzo(a)anthracene	21.286	228	2144335	19.900	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.221	149	1308854	22.106	ng/ul	98
87) Chrysene	21.345	228	1981079	19.903	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	1770215	22.888	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1652461	20.926	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	1733828	21.539	ng/ul	100
93) Benzo(a)pyrene	24.098	252	1586813	20.919	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.527	276	1812718	19.911	ng/ul	99
95) Dibenzo(a,h)anthracene	27.592	278	1502688	20.044	ng/ul	97
96) Benzo(g,h,i)perylene	28.562	276	1523917	20.260	ng/ul	100

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

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