Quantitation Report (Qedit)

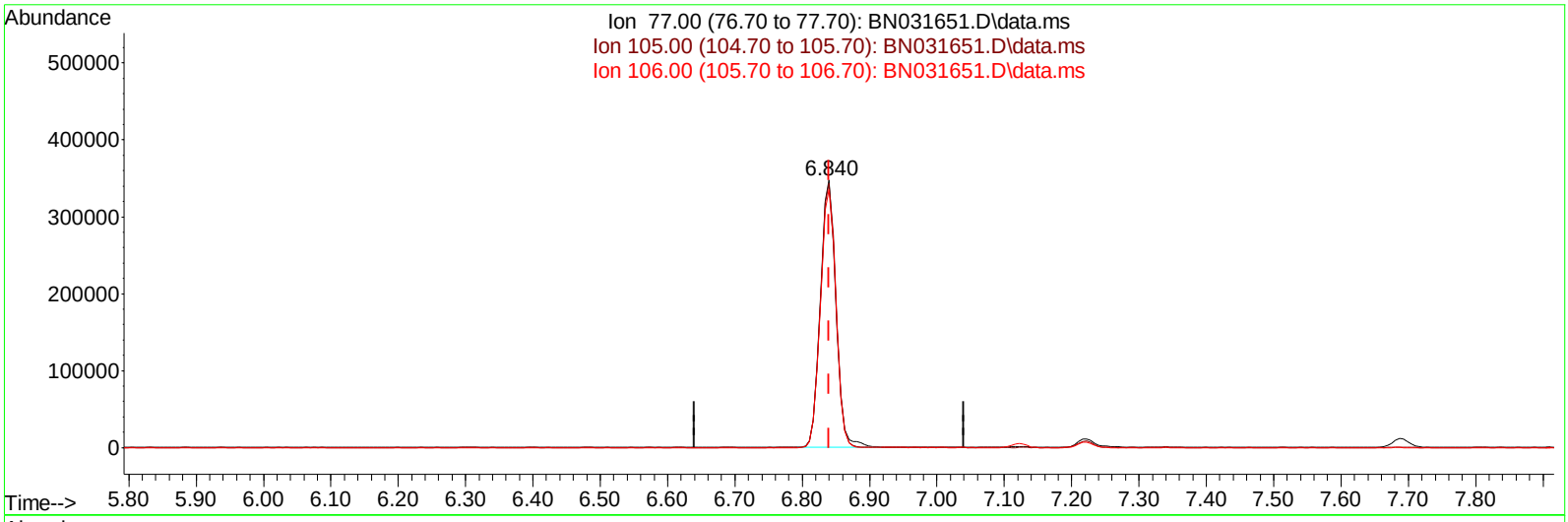
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031651.D
Acq On : 24 May 2024 08:25
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

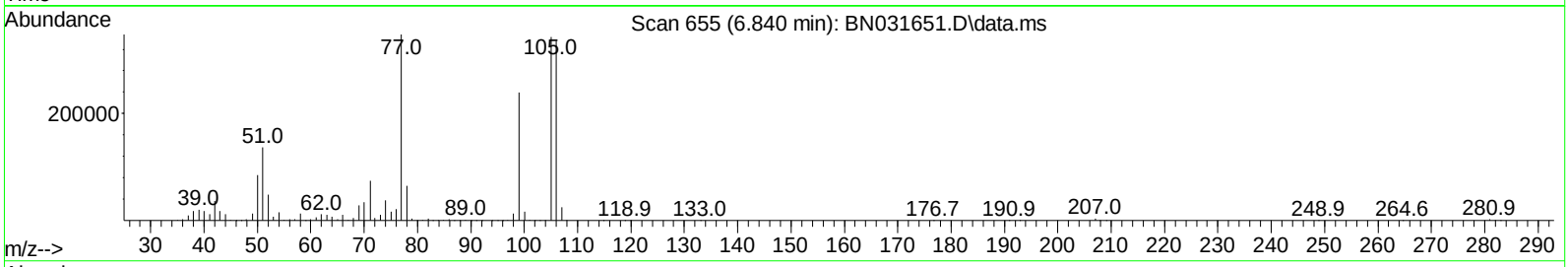
Quant Time: May 24 22:40:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration

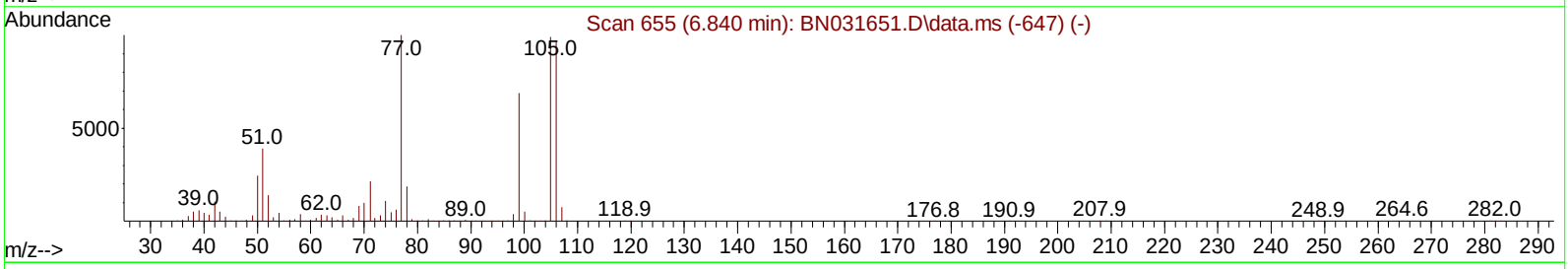
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024







TIC: BN031651.D\data.ms

(6) Benzaldehyde

6.840min (0.000) 22.59 ng/ul

response 557320

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.60	98.80
106.00	94.40	96.65
0.00	0.00	0.00

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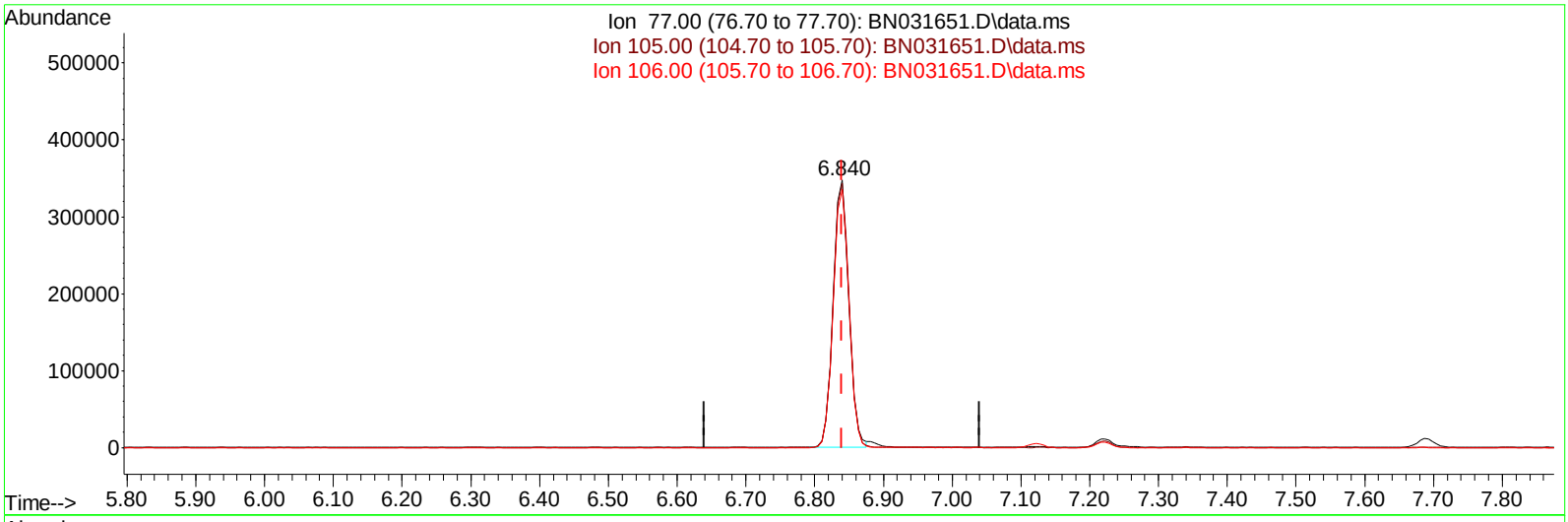

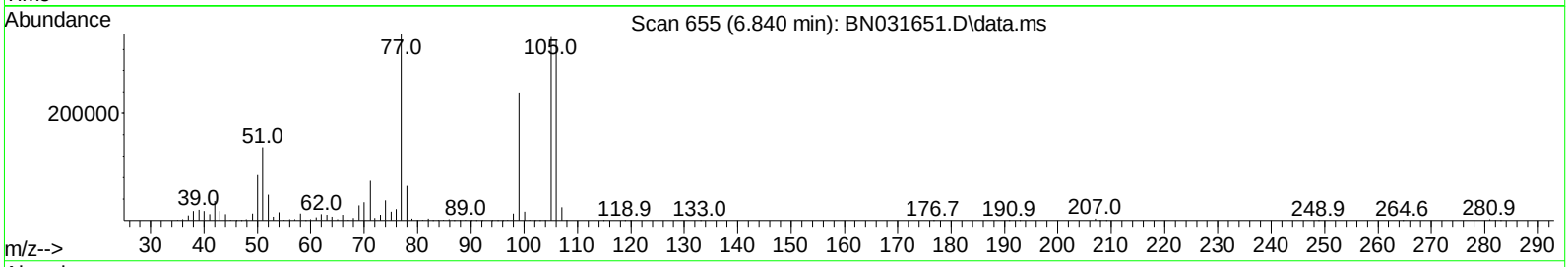

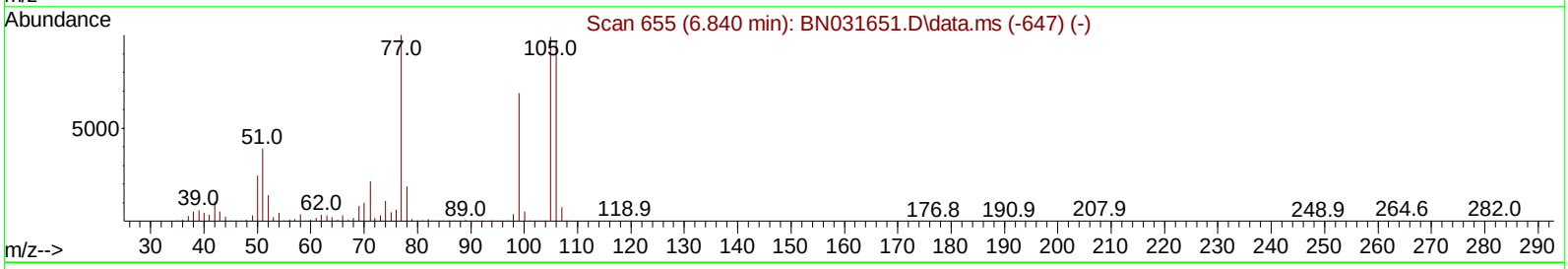

TIC: BN031651.D\data.ms

(6) Benzaldehyde

6.840min (0.000) 22.32 ng/ul m

response 550571

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.60	98.80
106.00	94.40	96.65
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 24 22:45:38 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
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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	7.687	152	585093	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	2383641	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1278021	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2093777	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1734439	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	2152114	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	115682	7.837	ng/uL	0.00
4) Pyridine-d5	3.599	84	826984	20.076	ng/ul	0.00
7) Phenol-d5	6.852	99	981404	20.376	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	587527	20.339	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	756657	20.388	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	754777	20.243	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	363989	20.177	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	348255	20.216	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	678845	20.154	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	952995	19.628	ng/ul	0.00
46) Dimethylphthalate-d6	13.739	166	1670509	20.741	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2093888	20.743	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	277328	18.198	ng/ul	0.00
60) Fluorene-d10	15.322	176	1390929	19.928	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	153541	16.962	ng/ul	0.00
73) Anthracene-d10	17.169	188	1837826	20.735	ng/ul	0.00
81) Pyrene-d10	19.463	212	1900760	17.471	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	2056974	20.305	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	123874	7.964	ng/uL	97
5) Pyridine	3.622	79	824225	20.330	ng/ul	97
6) Benzaldehyde	6.840	77	550571m	22.318	ng/ul	
8) Phenol	6.881	94	995882	20.119	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.122	93	843051	20.523	ng/ul	97
12) 2-Chlorophenol	7.252	128	778793	20.009	ng/ul	98
13) 2-Methylphenol	8.122	108	748575	20.188	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	959572	20.223	ng/ul	99
16) Acetophenone	8.510	105	1183843	20.355	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.499	70	574140	19.216	ng/ul	99
18) 4-Methylphenol	8.452	108	793647	20.139	ng/ul	97
19) Hexachloroethane	8.757	117	330501	19.874	ng/ul	99
22) Nitrobenzene	8.887	77	903665	20.449	ng/ul	96
23) Isophorone	9.410	82	1631630	19.410	ng/ul	99
25) 2-Nitrophenol	9.593	139	391240	20.377	ng/ul	98
26) 2,4-Dimethylphenol	9.651	107	780146	19.891	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.893	93	1045056	19.502	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	666303	19.954	ng/ul	96
30) Naphthalene	10.522	128	2452384	19.991	ng/ul	99
32) 4-Chloroaniline	10.634	127	937184	19.782	ng/ul	97
33) Hexachlorobutadiene	10.804	225	418185	20.466	ng/ul	100
34) Caprolactam	11.398	113	196932	18.210	ng/ul	97
35) 4-Chloro-3-methylphenol	11.757	107	702239	19.365	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.140	142	1585362	19.748	ng/ul	98
37) 1-Methylnaphthalene	12.357	142	1566428	19.712	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.504	216	761255	21.047	ng/ul	97
40) Hexachlorocyclopentadiene	12.487	237	357504	16.489	ng/ul	98
41) 2,4,6-Trichlorophenol	12.751	196	456650	20.431	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	498968	20.623	ng/ul	93
43) 1,1'-Biphenyl	13.157	154	1931095	20.959	ng/ul	98
44) 2-Chloronaphthalene	13.198	162	1520679	20.844	ng/ul	98
45) 2-Nitroaniline	13.404	65	388875	20.361	ng/ul	98
47) Dimethylphthalate	13.787	163	1686138	20.516	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	320332	20.452	ng/ul	97
50) Acenaphthylene	14.045	152	2398273	20.581	ng/ul	99
51) 3-Nitroaniline	14.234	138	357301	20.098	ng/ul	98
52) Acenaphthene	14.392	153	1541658	20.419	ng/ul	95
53) 2,4-Dinitrophenol	14.439	184	103113	14.336	ng/ul	98
55) 4-Nitrophenol	14.534	109	213458	18.590	ng/ul	96
56) Dibenzofuran	14.728	168	2022823	20.069	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	425594	20.282	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	340143	19.353	ng/ul	100
59) Diethylphthalate	15.157	149	1592096	20.559	ng/ul	99
61) Fluorene	15.375	166	1600080	20.266	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	764434	20.112	ng/ul	96
63) 4-Nitroaniline	15.398	138	334652	20.989	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.451	198	174220	17.549	ng/ul	98
67) N-Nitrosodiphenylamine	15.586	169	1266819	20.553	ng/ul	96
68) 4-Bromophenyl-phenylether	16.269	248	446780	21.193	ng/ul	96
69) Hexachlorobenzene	16.375	284	483357	21.244	ng/ul	93
70) Atrazine	16.539	200	339056	20.439	ng/ul	99
71) Pentachlorophenol	16.716	266	259938	20.030	ng/ul	96
72) Phenanthrene	17.110	178	2191882	20.628	ng/ul	100
74) Anthracene	17.204	178	2262086	21.218	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	724270	21.759	ng/uL	97
76) Pentachlorobenzene	14.639	250	640226	21.242	ng/uL	97
77) Carbazole	17.475	167	1941591	21.342	ng/ul	99
78) Di-n-butylphthalate	18.045	149	2274753	21.776	ng/ul	100
80) Fluoranthene	19.127	202	2249902	16.731	ng/ul	98
82) Pyrene	19.492	202	2343487	16.993	ng/ul	96
83) Butylbenzylphthalate	20.404	149	879675	18.795	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	659543	19.776	ng/ul	97
85) Benzo(a)anthracene	21.280	228	2402128	20.595	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1286948	20.082	ng/ul	98
87) Chrysene	21.345	228	2180361	20.238	ng/ul	97
89) Di-n-octyl phthalate	22.333	149	2123119	17.261	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2425511	19.313	ng/ul	99
91) Benzo(k)fluoranthene	23.368	252	2462851	19.238	ng/ul	98
93) Benzo(a)pyrene	24.098	252	2390846	19.818	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.533	276	2992281	20.667	ng/ul	97
95) Dibenzo(a,h)anthracene	27.598	278	2466085	20.683	ng/ul	98
96) Benzo(g,h,i)perylene	28.562	276	2406148	20.114	ng/ul	98

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

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