Quantitation Report (Qedit)

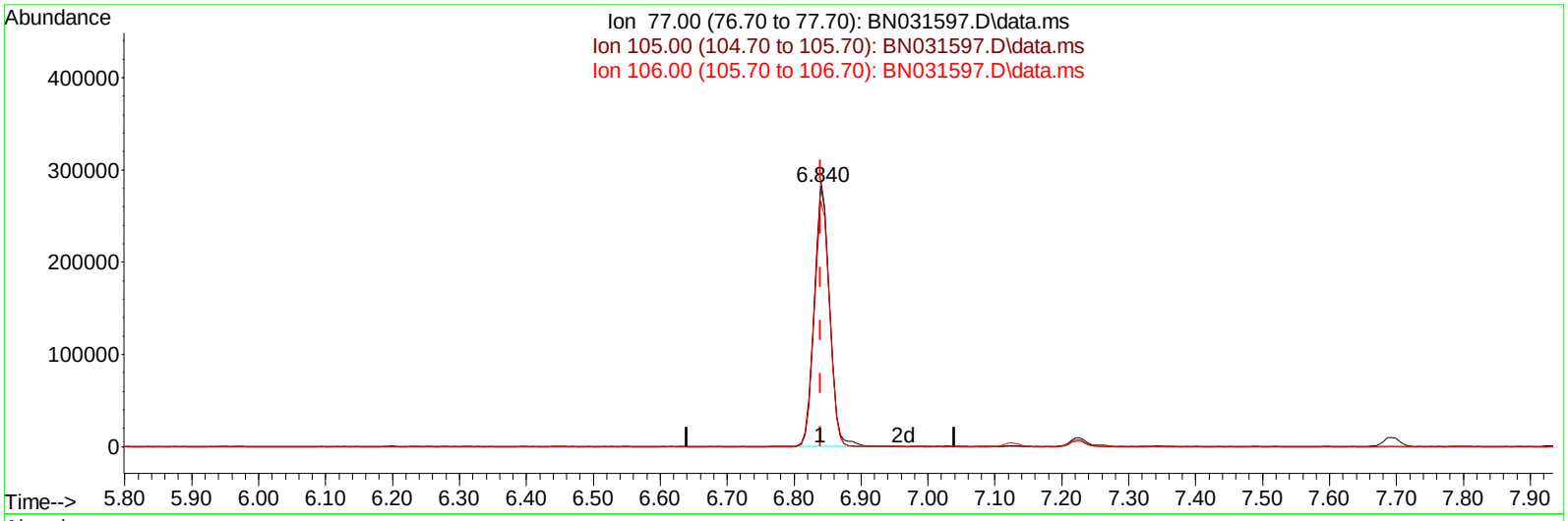
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052124\
Data File : BN031597.D
Acq On : 21 May 2024 13:12
Operator : MA/JU
Sample : SSTD02064
Misc :
ALS Vial : 4 Sample Multiplier: 1

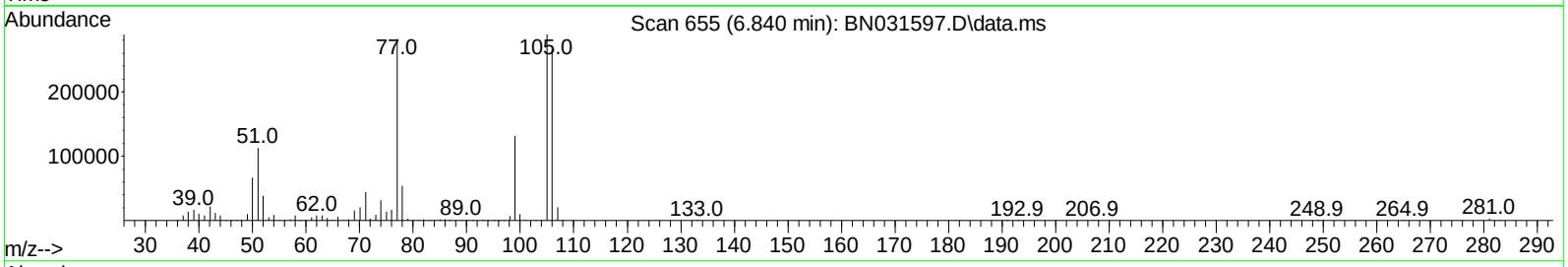
Quant Time: May 21 15:34:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:34:06 2024
Response via : Initial Calibration

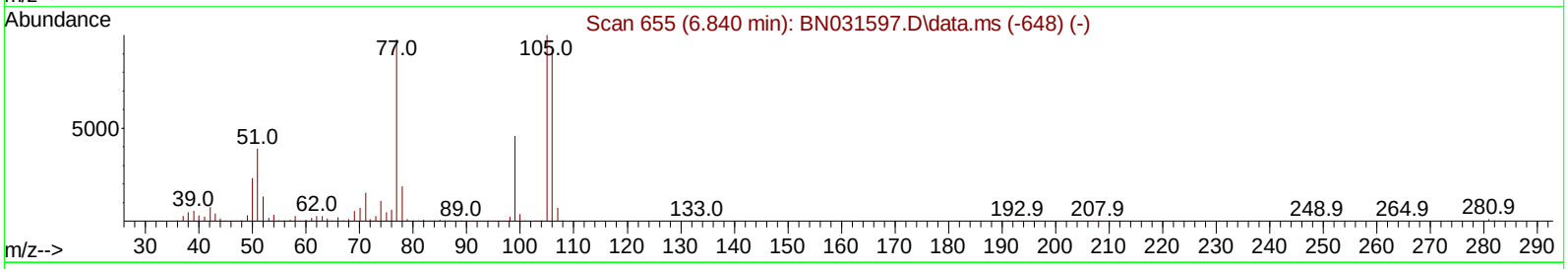
Instrument :
BNA_N
ClientSampleId :
SSTD020247

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024







TIC: BN031597.D\data.ms

(6) Benzaldehyde

6.840min (0.000) 22.16 ng/ul

response 453148

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.60	102.56
106.00	94.40	94.42
0.00	0.00	0.00

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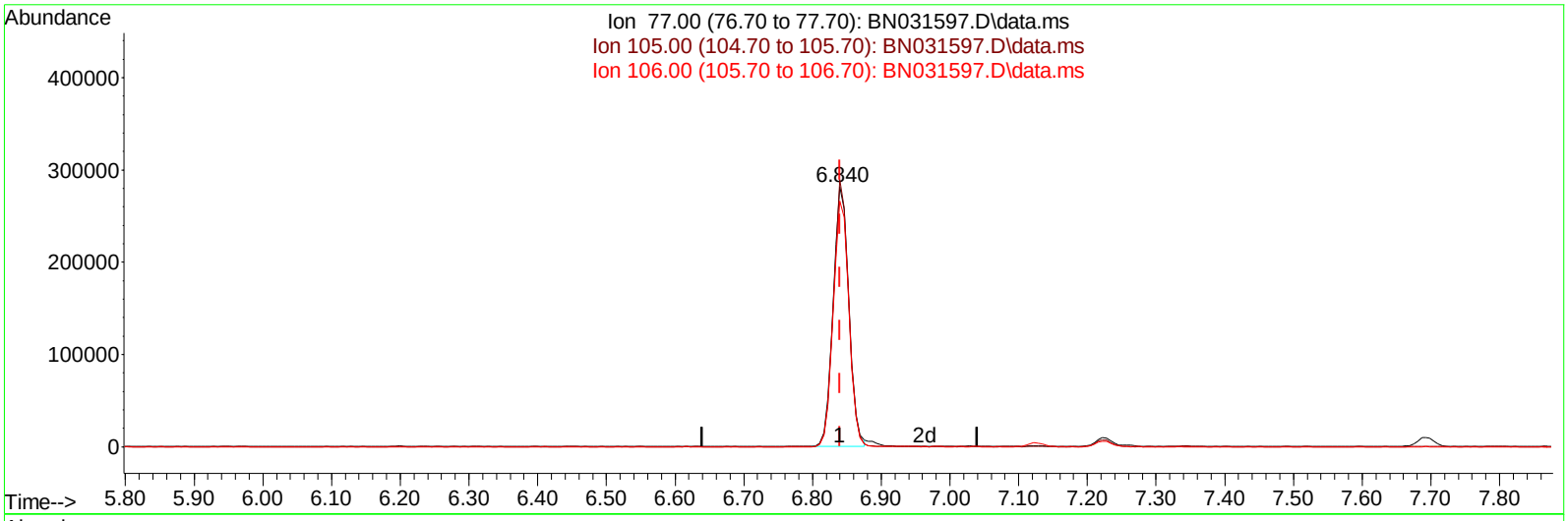

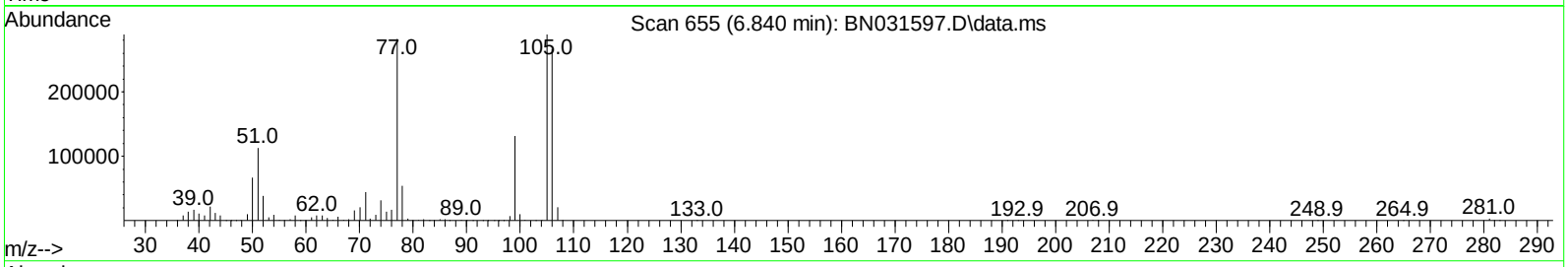

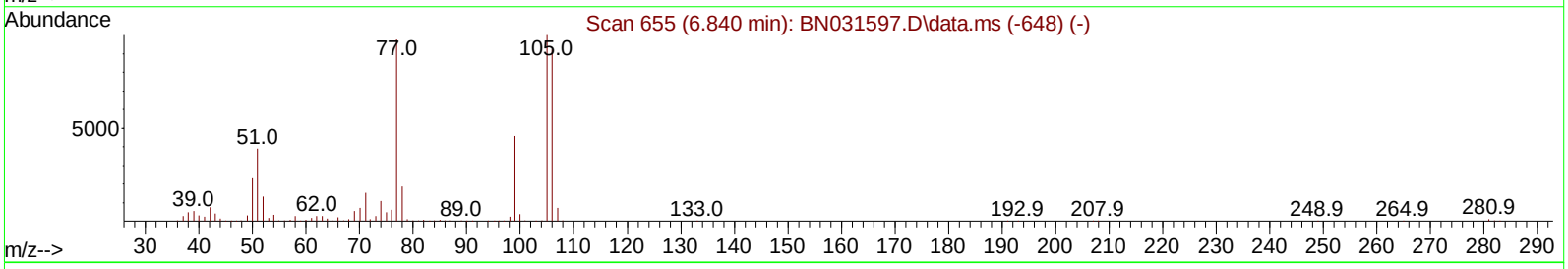

TIC: BN031597.D\data.ms

(6) Benzaldehyde

6.840min (0.000) 21.87 ng/ul m

response 447054

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.60	102.56
106.00	94.40	94.42
0.00	0.00	0.00

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ALS Vial : 4 Sample Multiplier: 1

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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	7.693	152	477170	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1926276	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1040307	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	1742093	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1328246	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1427269	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	98699	8.440	ng/uL	0.00
4) Pyridine-d5	3.605	84	699233	19.883	ng/ul	0.00
7) Phenol-d5	6.857	99	794795	19.632	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	484011	18.726	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	607975	21.649	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	595444	19.230	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	290360	22.239	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	271973	25.933	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	534101	22.011	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	769635	18.440	ng/ul	0.00
46) Dimethylphthalate-d6	13.745	166	1263541	19.448	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	1663593	20.683	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	226645	18.055	ng/ul	0.00
60) Fluorene-d10	15.322	176	1121210	18.952	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	118458	18.430	ng/ul	0.00
73) Anthracene-d10	17.169	188	1488114	20.038	ng/ul	0.00
81) Pyrene-d10	19.463	212	1501586	22.313	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	1308009	20.611	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	105486	8.469	ng/uL	100
5) Pyridine	3.622	79	688583	19.565	ng/ul	100
6) Benzaldehyde	6.840	77	447054m	21.866	ng/ul	
8) Phenol	6.881	94	828799	19.528	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.122	93	687979	19.496	ng/ul	100
12) 2-Chlorophenol	7.257	128	636327	20.939	ng/ul	100
13) 2-Methylphenol	8.128	108	600579	19.348	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	794243	17.791	ng/ul	100
16) Acetophenone	8.510	105	967054	18.786	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.499	70	468006	18.421	ng/ul	100
18) 4-Methylphenol	8.457	108	637220	19.080	ng/ul	100
19) Hexachloroethane	8.763	117	273814	19.964	ng/ul	100
22) Nitrobenzene	8.887	77	720748	20.393	ng/ul	100
23) Isophorone	9.410	82	1307656	19.700	ng/ul	100
25) 2-Nitrophenol	9.593	139	310606	25.514	ng/ul	100
26) 2,4-Dimethylphenol	9.651	107	630320	20.829	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.899	93	844186	19.602	ng/ul	100
29) 2,4-Dichlorophenol	10.122	162	535388	21.784	ng/ul	100
30) Naphthalene	10.528	128	1993810	19.942	ng/ul	100
32) 4-Chloroaniline	10.634	127	763491	18.635	ng/ul	100
33) Hexachlorobutadiene	10.810	225	336660	20.719	ng/ul	100
34) Caprolactam	11.404	113	149099	16.633	ng/ul	100
35) 4-Chloro-3-methylphenol	11.757	107	554530	19.918	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.140	142	1266603	19.644	ng/ul	100
37) 1-Methylnaphthalene	12.363	142	1236820	18.994	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	601698	21.623	ng/ul	100
40) Hexachlorocyclopentadiene	12.487	237	350687	22.368	ng/ul	100
41) 2,4,6-Trichlorophenol	12.751	196	360554	24.049	ng/ul	100
42) 2,4,5-Trichlorophenol	12.816	196	394168	22.879	ng/ul	100
43) 1,1'-Biphenyl	13.163	154	1534494	20.766	ng/ul	100
44) 2-Chloronaphthalene	13.198	162	1210877	20.952	ng/ul	100
45) 2-Nitroaniline	13.410	65	306702	20.574	ng/ul	100
47) Dimethylphthalate	13.792	163	1288996	18.993	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	240820	20.487	ng/ul	100
50) Acenaphthylene	14.051	152	1927234	20.412	ng/ul	100
51) 3-Nitroaniline	14.234	138	277092	20.015	ng/ul	100
52) Acenaphthene	14.392	153	1218372	19.467	ng/ul	100
53) 2,4-Dinitrophenol	14.439	184	84160	16.618	ng/ul	100
55) 4-Nitrophenol	14.539	109	173742	17.490	ng/ul	100
56) Dibenzofuran	14.728	168	1642446	19.351	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	325519	19.382	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.951	232	272590	21.970	ng/ul	100
59) Diethylphthalate	15.163	149	1199680	17.894	ng/ul	100
61) Fluorene	15.381	166	1304144	18.875	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	615557	18.648	ng/ul	100
63) 4-Nitroaniline	15.398	138	255155	18.804	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.451	198	136392	19.118	ng/ul	100
67) N-Nitrosodiphenylamine	15.592	169	1024605	21.397	ng/ul	100
68) 4-Bromophenyl-phenylether	16.275	248	353879	21.977	ng/ul	100
69) Hexachlorobenzene	16.375	284	370817	20.031	ng/ul	100
70) Atrazine	16.545	200	258968	18.619	ng/ul	100
71) Pentachlorophenol	16.722	266	199481	20.435	ng/ul	100
72) Phenanthrene	17.116	178	1802520	19.862	ng/ul	100
74) Anthracene	17.204	178	1800110	19.730	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.122	216	593751	25.236	ng/uL	100
76) Pentachlorobenzene	14.645	250	506502	22.834	ng/uL	100
77) Carbazole	17.475	167	1590469	19.515	ng/ul	100
78) Di-n-butylphthalate	18.051	149	1753951	19.480	ng/ul	100
80) Fluoranthene	19.133	202	1792605	22.539	ng/ul	100
82) Pyrene	19.498	202	1937082	22.478	ng/ul	100
83) Butylbenzylphthalate	20.410	149	649661	23.430	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.216	252	515578	20.786	ng/ul	100
85) Benzo(a)anthracene	21.286	228	1760730	20.241	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	960115	21.751	ng/ul	100
87) Chrysene	21.345	228	1617838	19.841	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	1538358	20.917	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1613307	20.056	ng/ul	100
91) Benzo(k)fluoranthene	23.368	252	1685436	20.536	ng/ul	100
93) Benzo(a)pyrene	24.104	252	1602220	20.453	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.533	276	1926929	21.530	ng/ul	100
95) Dibenzo(a,h)anthracene	27.592	278	1589083	21.054	ng/ul	100
96) Benzo(g,h,i)perylene	28.556	276	1614337	22.173	ng/ul	100

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

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