Quantitation Report (Qedit)

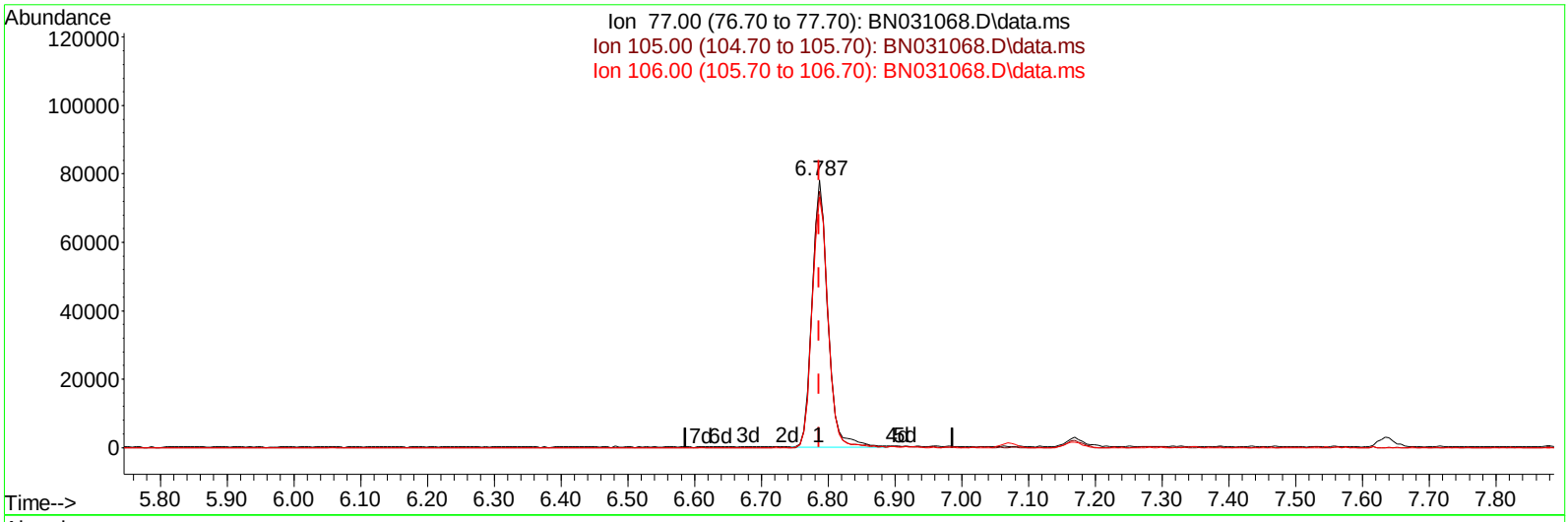
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031068.D
Acq On : 20 Apr 2024 10:52
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

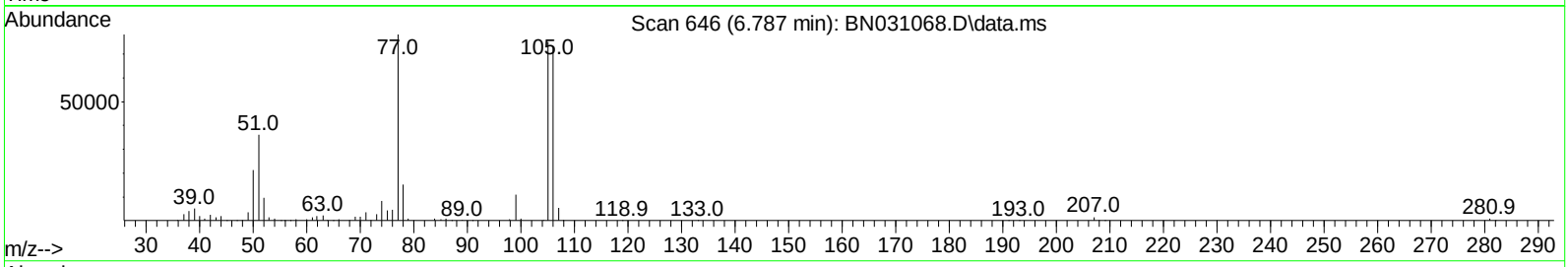
Quant Time: Apr 20 18:02:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

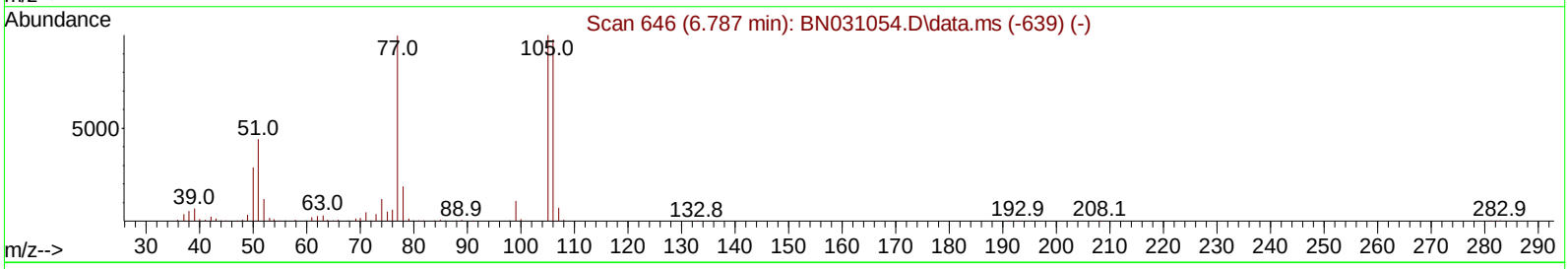
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024







TIC: BN031068.D\data.ms

(6) Benzaldehyde

6.787min (-0.000) 25.98 ng/ul

response 127341

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.00	95.84
106.00	93.80	93.69
0.00	0.00	0.00

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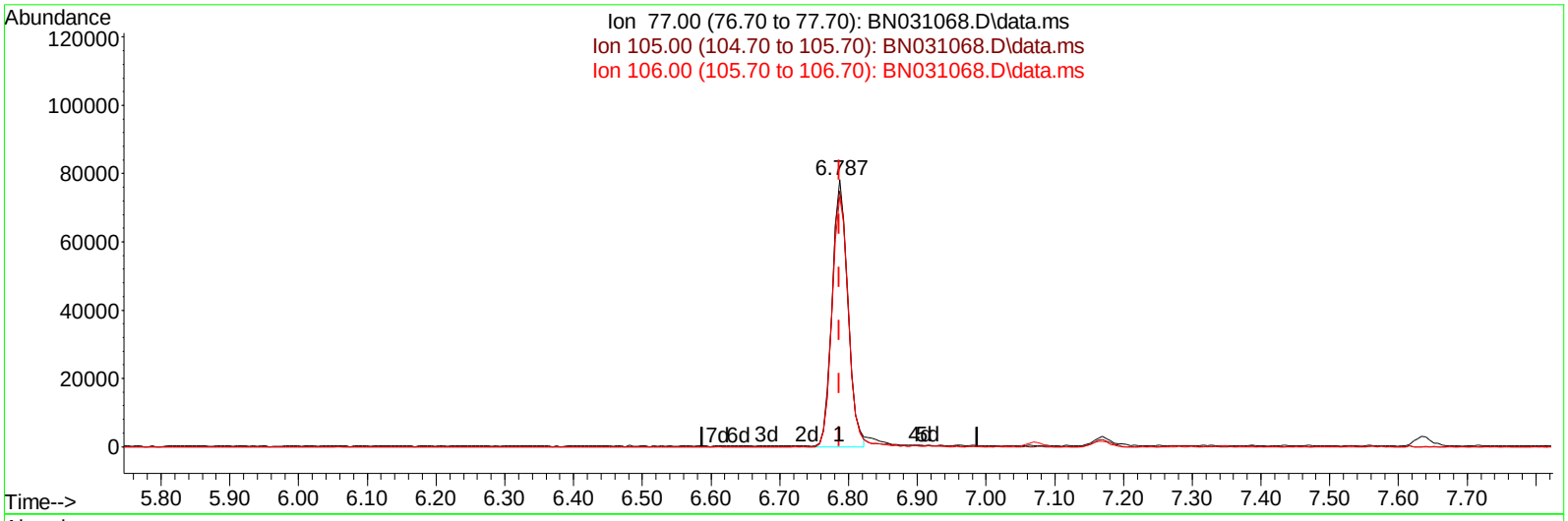

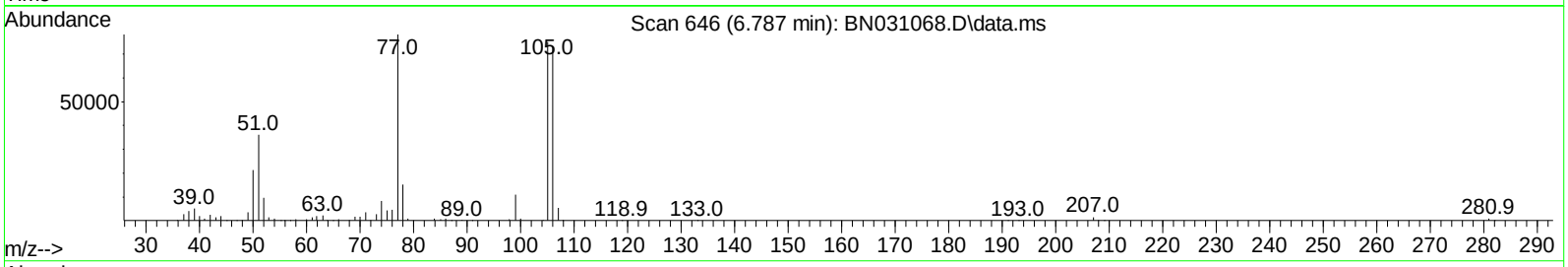

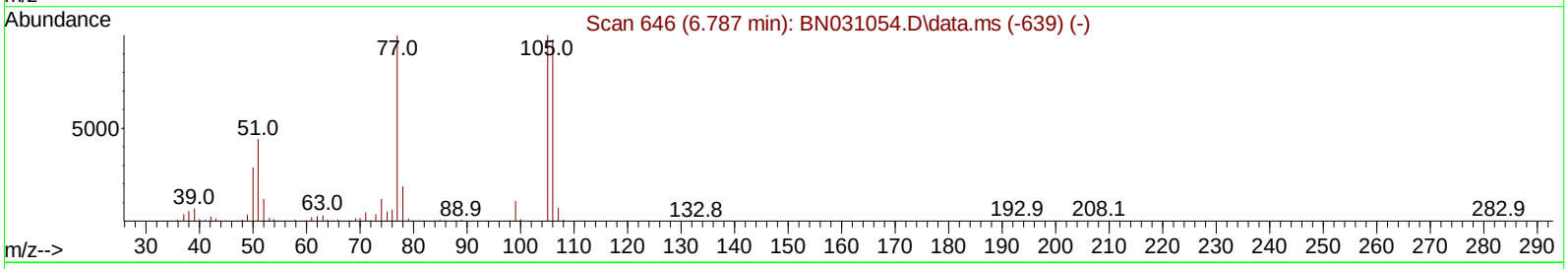

TIC: BN031068.D\data.ms

(6) Benzaldehyde

6.787min (-0.000) 25.23 ng/ul m

response 123678

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.00	95.84
106.00	93.80	93.69
0.00	0.00	0.00

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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	7.634	152	118345	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	562802	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	392004	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	888307	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	1015654	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1295667	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	21392	8.445	ng/uL	0.00
4) Pyridine-d5	3.552	84	160318	21.976	ng/ul	0.00
7) Phenol-d5	6.810	99	212720	21.308	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	126441	21.769	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	168657	21.698	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	178345	21.242	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	87291	21.587	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	90162	21.450	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	179330	21.634	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	275963	21.304	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	583081	21.375	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	676418	21.882	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	120768	21.211	ng/ul	0.00
60) Fluorene-d10	15.275	176	520526	21.920	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	86217	19.238	ng/ul	0.00
73) Anthracene-d10	17.128	188	837941	21.763	ng/ul	0.00
81) Pyrene-d10	19.433	212	1062217	21.283	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1349425	21.963	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	23368	8.705	ng/uL	95
5) Pyridine	3.575	79	158883	21.583	ng/ul	96
6) Benzaldehyde	6.787	77	123678m	25.231	ng/ul	
8) Phenol	6.834	94	221234	21.495	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.069	93	177776	21.891	ng/ul	98
12) 2-Chlorophenol	7.199	128	179061	22.162	ng/ul	98
13) 2-Methylphenol	8.075	108	170451	21.370	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	233031	22.009	ng/ul	99
16) Acetophenone	8.457	105	284212	21.849	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.440	70	139712	21.548	ng/ul	99
18) 4-Methylphenol	8.404	108	189630	21.225	ng/ul	99
19) Hexachloroethane	8.699	117	73647	21.966	ng/ul	94
22) Nitrobenzene	8.834	77	209716	21.974	ng/ul	99
23) Isophorone	9.351	82	411614	21.134	ng/ul	99
25) 2-Nitrophenol	9.540	139	101520	21.830	ng/ul	96
26) 2,4-Dimethylphenol	9.599	107	198686	20.949	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.840	93	257978	21.807	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	179035	21.625	ng/ul	97
30) Naphthalene	10.463	128	630254	21.608	ng/ul	99
32) 4-Chloroaniline	10.581	127	270869	21.521	ng/ul	98
33) Hexachlorobutadiene	10.746	225	107478	21.295	ng/ul	95
34) Caprolactam	11.357	113	64561	19.792	ng/ul	98
35) 4-Chloro-3-methylphenol	11.710	107	203506	21.200	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.087	142	442572	21.517	ng/ul	99
37) 1-Methylnaphthalene	12.304	142	444922	21.377	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.457	216	223989	21.837	ng/ul	99
40) Hexachlorocyclopentadiene	12.428	237	103731	18.410	ng/ul	94
41) 2,4,6-Trichlorophenol	12.704	196	147093	21.544	ng/ul	91
42) 2,4,5-Trichlorophenol	12.769	196	163083	21.544	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	584619	21.684	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	474975	22.047	ng/ul	97
45) 2-Nitroaniline	13.363	65	129824	21.829	ng/ul	98
47) Dimethylphthalate	13.745	163	608700	21.630	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	114324	21.641	ng/ul	99
50) Acenaphthylene	14.004	152	790781	21.900	ng/ul	100
51) 3-Nitroaniline	14.198	138	132787	21.895	ng/ul	96
52) Acenaphthene	14.345	153	513786	21.464	ng/ul	96
53) 2,4-Dinitrophenol	14.404	184	49025	16.410	ng/ul	97
55) 4-Nitrophenol	14.510	109	98979	21.421	ng/ul	98
56) Dibenzofuran	14.681	168	721040	21.787	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	178531	22.242	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.910	232	143865	21.990	ng/ul	95
59) Diethylphthalate	15.116	149	619560	21.407	ng/ul	100
61) Fluorene	15.334	166	593782	21.802	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.334	204	284252	21.912	ng/ul	98
63) 4-Nitroaniline	15.363	138	153073	23.411	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	95051	19.752	ng/ul	98
67) N-Nitrosodiphenylamine	15.551	169	516018	21.673	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	177920	21.179	ng/ul	97
69) Hexachlorobenzene	16.333	284	207290	21.404	ng/ul	98
70) Atrazine	16.504	200	179027	21.417	ng/ul	96
71) Pentachlorophenol	16.680	266	130340	20.714	ng/ul	91
72) Phenanthrene	17.075	178	1013459	21.570	ng/ul	100
74) Anthracene	17.163	178	1039959	21.872	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	223874	21.486	ng/uL	98
76) Pentachlorobenzene	14.598	250	230762	21.447	ng/uL	96
77) Carbazole	17.439	167	973322	22.410	ng/ul	98
78) Di-n-butylphthalate	18.010	149	1166762	22.039	ng/ul	100
80) Fluoranthene	19.098	202	1282167	21.707	ng/ul	100
82) Pyrene	19.463	202	1351961	21.784	ng/ul	99
83) Butylbenzylphthalate	20.374	149	583693	21.314	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.180	252	466651	22.050	ng/ul	95
85) Benzo(a)anthracene	21.245	228	1529649	22.179	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.180	149	866977	21.085	ng/ul	100
87) Chrysene	21.310	228	1434857	21.917	ng/ul	97
89) Di-n-octyl phthalate	22.280	149	1614192	21.614	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1629762	22.356	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1662345	22.672	ng/ul	99
93) Benzo(a)pyrene	24.033	252	1603597	22.050	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.421	276	1882450	20.859	ng/ul	99
95) Dibenzo(a,h)anthracene	27.480	278	1572037	21.223	ng/ul	99
96) Benzo(g,h,i)perylene	28.433	276	1525898	20.996	ng/ul	96

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

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