Quantitation Report (Qedit)

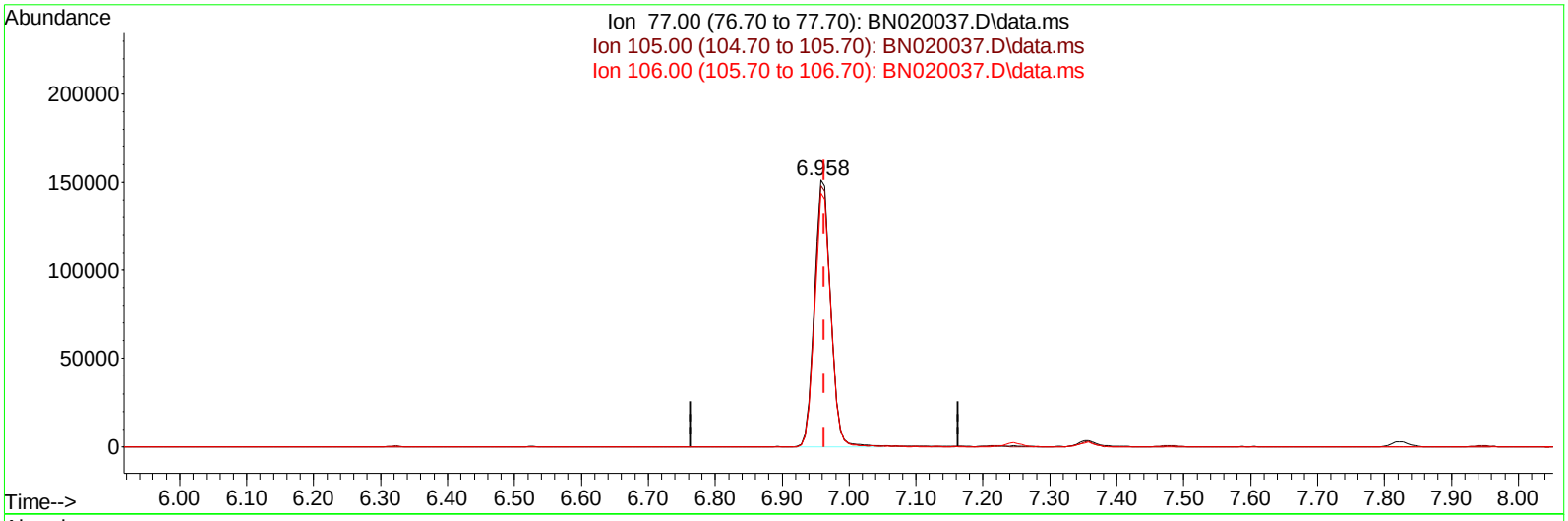
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
Data File : BN020037.D
Acq On : 07 Jun 2022 20:29
Operator : CG/JU
Sample : N3171-15MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

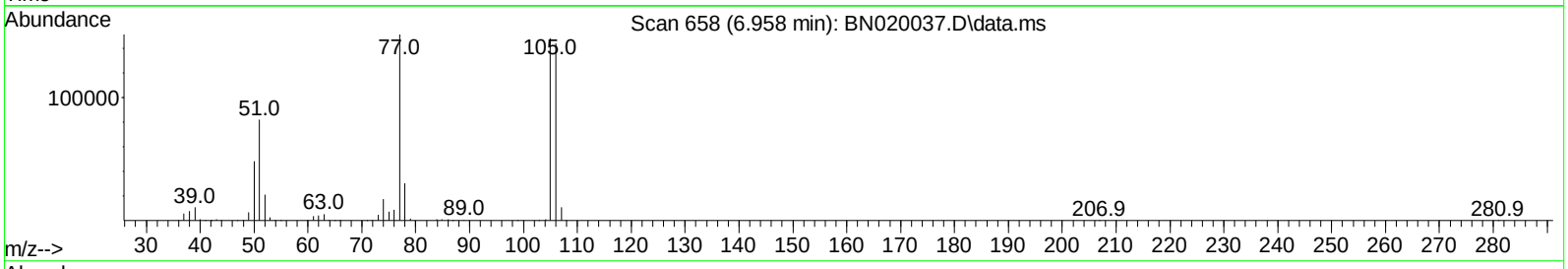
Quant Time: Jun 07 22:34:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration

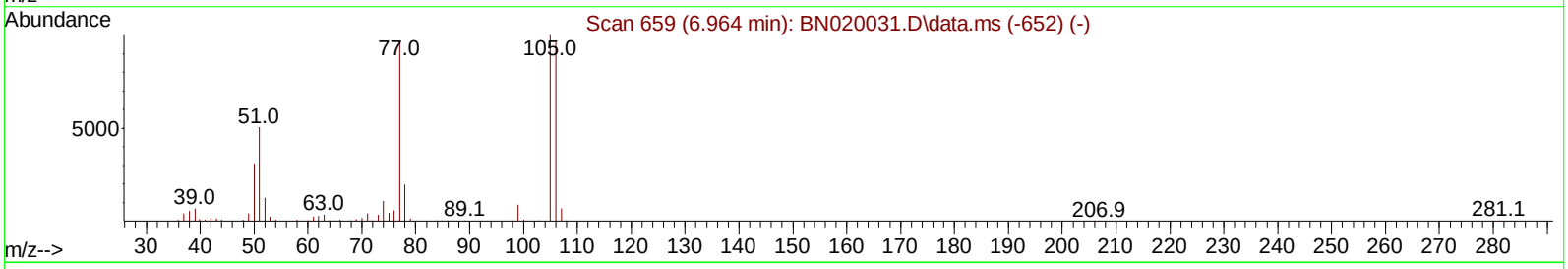
Instrument :
BNA_N
ClientSampleId :
DBTZ0MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/08/2022
Supervised By :mohammad ahmed 06/09/2022







TIC: BN020037.D\data.ms

(6) Benzaldehyde

6.958min (-0.006) 50.07 ng/ul

response 255319

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	98.05
106.00	87.80	95.22
0.00	0.00	0.00

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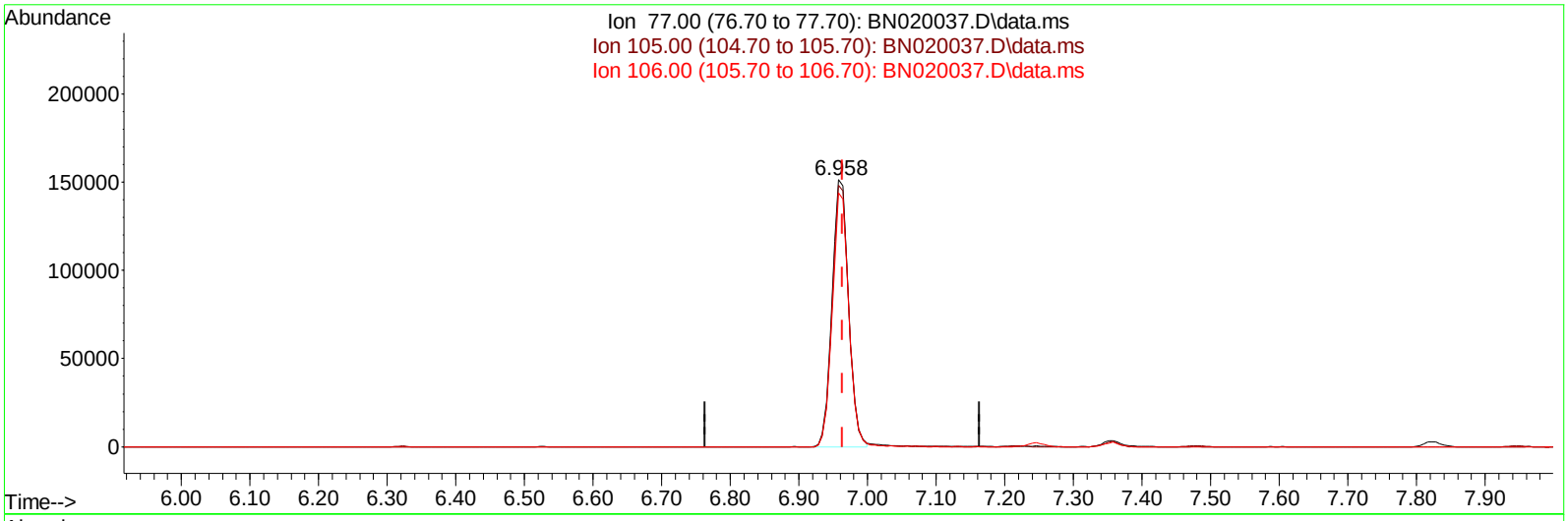

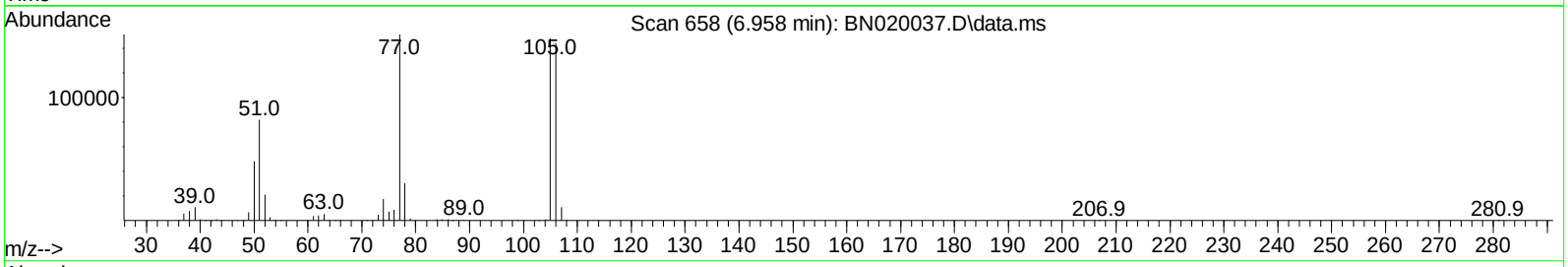

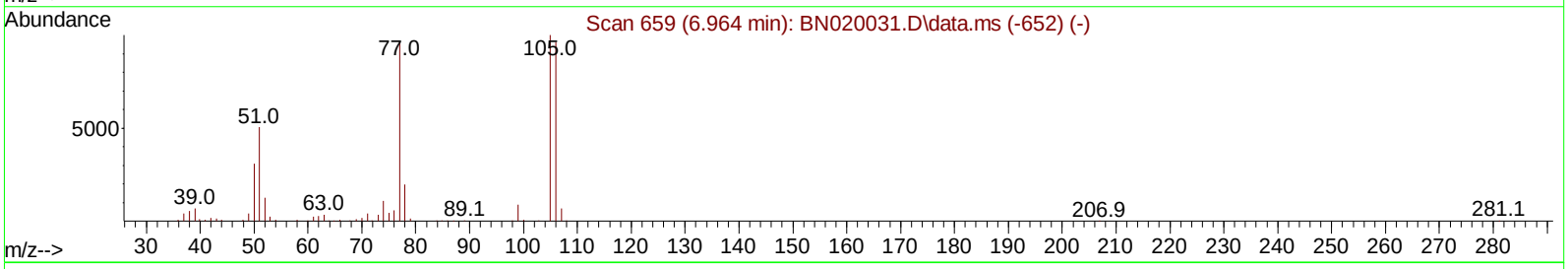

TIC: BN020037.D\data.ms

(6) Benzaldehyde

6.958min (-0.006) 49.52 ng/ul m

response 252503

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	98.05
106.00	87.80	95.22
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	7.822	152	130779	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	608381	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	390908	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	825584	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	755513	20.000	ng/ul	0.00
88) Perylene-d12	23.710	264	763569	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	12871	4.263	ng/uL	0.00
4) Pyridine-d5	3.693	84	54591	6.615	ng/ul	0.00
7) Phenol-d5	6.987	99	67093	6.200	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	218865	32.371	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	225196	25.611	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	148879	15.902	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	163276	35.277	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	171483	34.911	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	276743	32.273	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	280595	20.206	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	1140538	40.099	ng/ul	0.00
49) Acenaphthylene-d8	14.146	160	1236284	37.480	ng/ul	0.00
54) 4-Nitrophenol-d4	14.646	143	47450	8.325	ng/ul	0.00
60) Fluorene-d10	15.445	176	926456	39.362	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	203265	42.504	ng/ul	0.00
73) Anthracene-d10	17.292	188	1499206	41.609	ng/ul	0.00
81) Pyrene-d10	19.586	212	1717647	41.937	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.569	264	1645630	44.048	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	14575	4.572	ng/uL#	83
5) Pyridine	3.711	79	60088	6.945	ng/ul	87
6) Benzaldehyde	6.958	77	252503m	49.520	ng/ul	
8) Phenol	7.016	94	75030	6.511	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.246	93	281069	31.164	ng/ul	97
12) 2-Chlorophenol	7.387	128	224556	24.433	ng/ul	97
13) 2-Methylphenol	8.263	108	165381	18.669	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.358	45	440007	31.112	ng/ul	98
16) Acetophenone	8.640	105	470645	33.055	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.628	70	238677	32.815	ng/ul	95
18) 4-Methylphenol	8.593	108	156949	16.052	ng/ul	95
19) Hexachloroethane	8.905	117	114503	30.962	ng/ul	89
22) Nitrobenzene	9.016	77	346269	32.266	ng/ul	96
23) Isophorone	9.540	82	704880	33.266	ng/ul	99
25) 2-Nitrophenol	9.728	139	175614	32.355	ng/ul	97
26) 2,4-Dimethylphenol	9.793	107	288013	25.613	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.028	93	414899	31.997	ng/ul	99
29) 2,4-Dichlorophenol	10.263	162	271363	30.593	ng/ul	99
30) Naphthalene	10.663	128	1001134	31.752	ng/ul	99
32) 4-Chloroaniline	10.769	127	341562	24.591	ng/ul	97
33) Hexachlorobutadiene	10.963	225	156717	30.773	ng/ul	98
34) Caprolactam	11.528	113	15709	4.535	ng/ul	96
35) 4-Chloro-3-methylphenol	11.893	107	314885	30.064	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.275	142	748634	35.120	ng/ul	98
37) 1-Methylnaphthalene	12.493	142	813068	37.377	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.651	216	332082	33.309	ng/ul	99
40) Hexachlorocyclopentadiene	12.634	237	142658	23.522	ng/ul	99
41) 2,4,6-Trichlorophenol	12.887	196	247837	36.052	ng/ul	95
42) 2,4,5-Trichlorophenol	12.951	196	273092	35.869	ng/ul	97
43) 1,1'-Biphenyl	13.287	154	978977	33.821	ng/ul	97
44) 2-Chloronaphthalene	13.328	162	748045	34.065	ng/ul	96
45) 2-Nitroaniline	13.528	65	281607	41.221	ng/ul	89
47) Dimethylphthalate	13.910	163	1071483	37.421	ng/ul	99
48) 2,6-Dinitrotoluene	14.028	165	236521	42.248	ng/ul	95
50) Acenaphthylene	14.175	152	1296814	35.510	ng/ul	99
51) 3-Nitroaniline	14.351	138	233147	39.393	ng/ul	100
52) Acenaphthene	14.516	153	975929	40.912	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	138102	38.530	ng/ul	95
55) 4-Nitrophenol	14.657	109	38348	7.882	ng/ul	98
56) Dibenzofuran	14.851	168	1244702	37.037	ng/ul	97
57) 2,4-Dinitrotoluene	14.816	165	353384	42.632	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.081	232	238072	39.834	ng/ul	96
59) Diethylphthalate	15.275	149	1174472	39.840	ng/ul	99
61) Fluorene	15.498	166	1003390	38.369	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.493	204	423284	35.147	ng/ul#	85
63) 4-Nitroaniline	15.516	138	257350	46.533	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.581	198	194477	40.110	ng/ul	96
67) N-Nitrosodiphenylamine	15.710	169	918168	38.793	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	279831	38.922	ng/ul	93
69) Hexachlorobenzene	16.510	284	318931	38.591	ng/ul	93
70) Atrazine	16.657	200	304604	36.885	ng/ul	98
71) Pentachlorophenol	16.845	266	214385	41.649	ng/ul	99
72) Phenanthrene	17.234	178	1698668	38.988	ng/ul	99
74) Anthracene	17.328	178	1658737	37.862	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.251	216	358985	32.472	ng/uL	97
76) Pentachlorobenzene	14.775	250	361510	36.999	ng/uL	92
77) Carbazole	17.592	167	1680404	42.162	ng/ul	96
78) Di-n-butylphthalate	18.169	149	2126021	43.018	ng/ul	100
80) Fluoranthene	19.251	202	1997831	40.387	ng/ul	97
82) Pyrene	19.616	202	1988401	39.180	ng/ul	97
83) Butylbenzylphthalate	20.522	149	1026040	44.924	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.298	252	412951	28.617	ng/ul#	98
85) Benzo(a)anthracene	21.369	228	1879357	39.393	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	1428442	44.327	ng/ul	98
87) Chrysene	21.422	228	1825309	39.107	ng/ul	99
89) Di-n-octyl phthalate	22.210	149	2602731	41.880	ng/ul	100
90) Benzo(b)fluoranthene	23.010	252	1980805	41.333	ng/ul#	95
91) Benzo(k)fluoranthene	23.057	252	1902465	41.703	ng/ul	98
93) Benzo(a)pyrene	23.616	252	1919751	41.384	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.115	276	1938732	40.621	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.133	278	1655702	40.615	ng/ul	98
96) Benzo(g,h,i)perylene	26.857	276	1617496	40.132	ng/ul	96

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

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