Quantitation Report (Qedit)

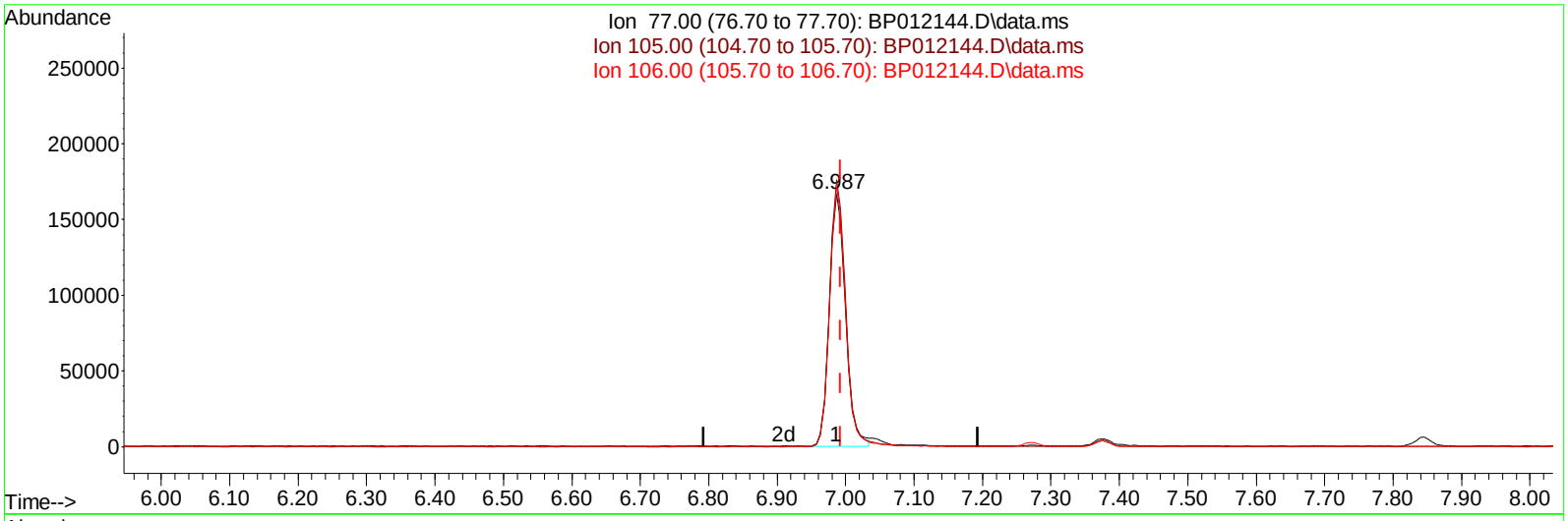
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012144.D
Acq On : 14 Oct 2022 18:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

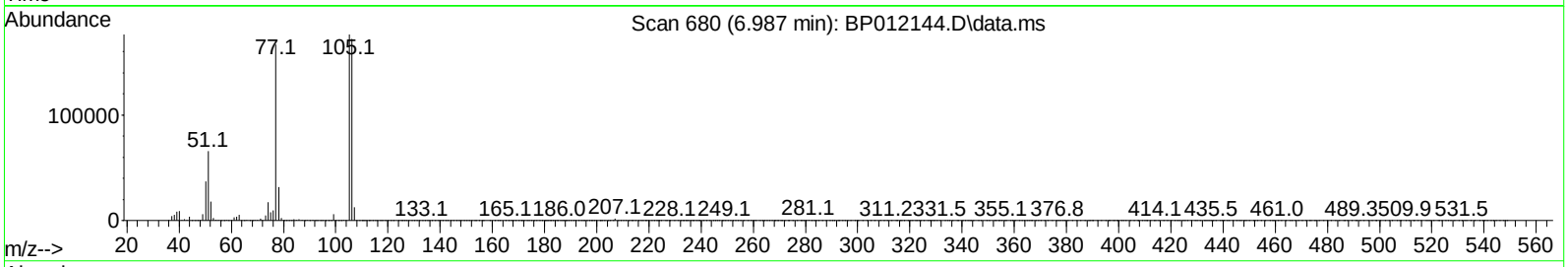
Quant Time: Oct 14 23:05:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

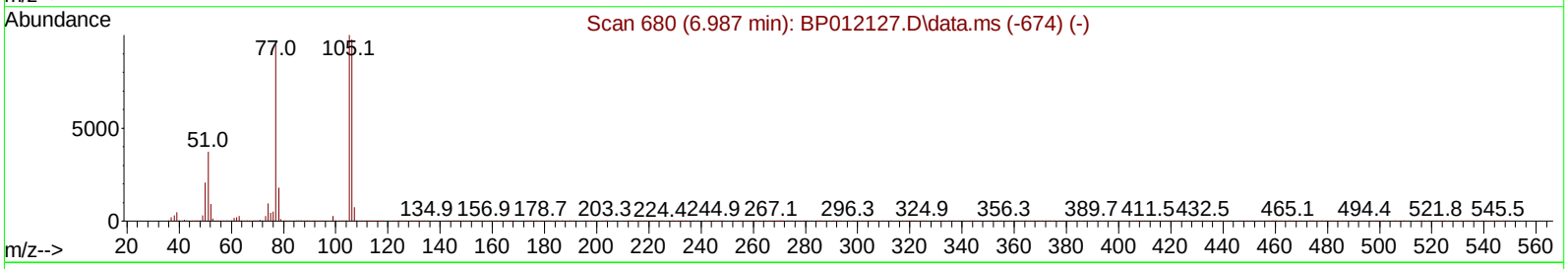
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022







TIC: BP012144.D\data.ms

(6) Benzaldehyde

6.987min (-0.006) 23.04 ng/ul

response 273147

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	106.50	105.56
106.00	103.90	102.99
0.00	0.00	0.00

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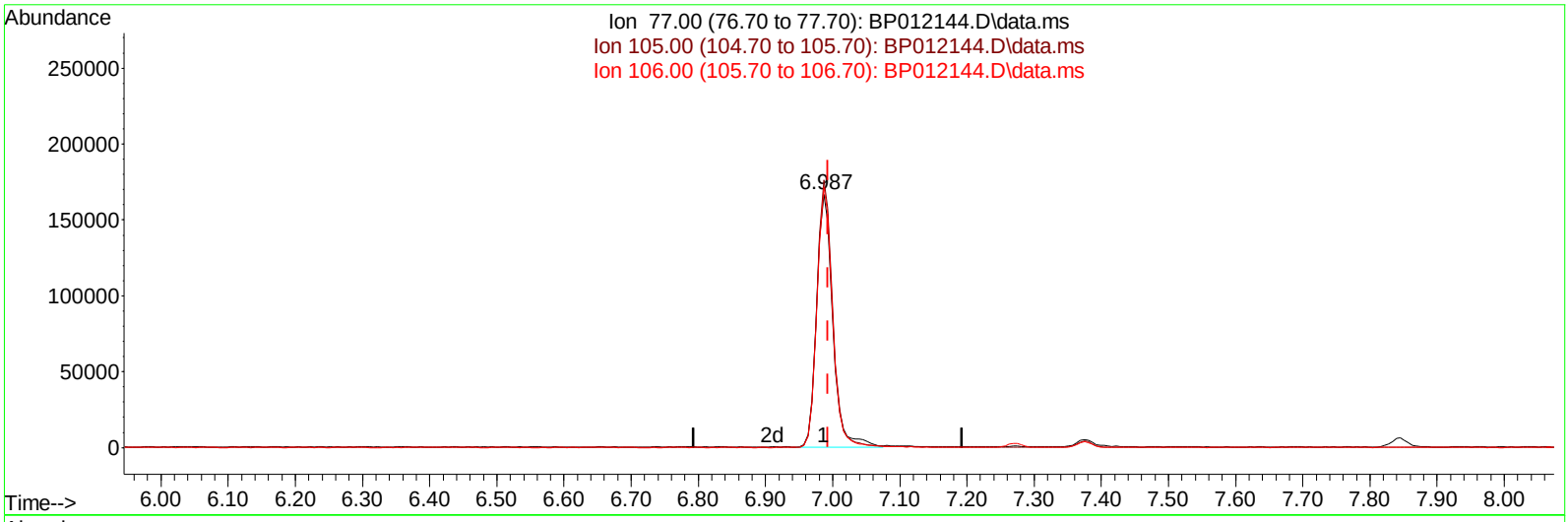

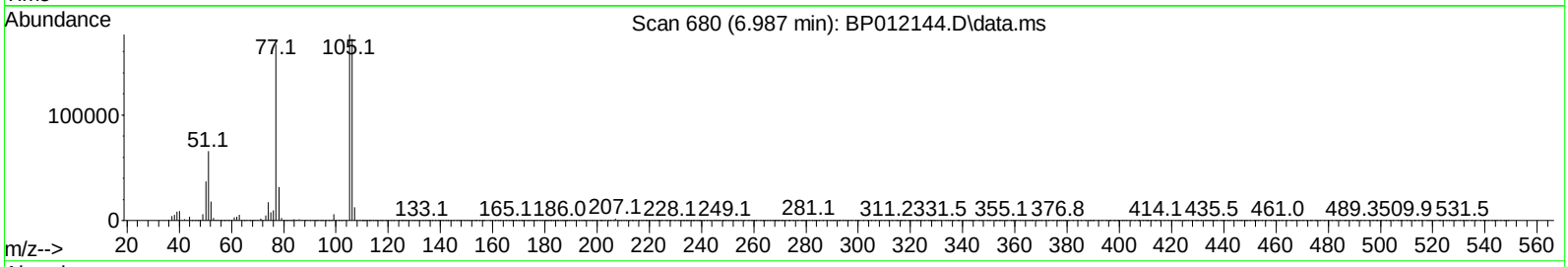

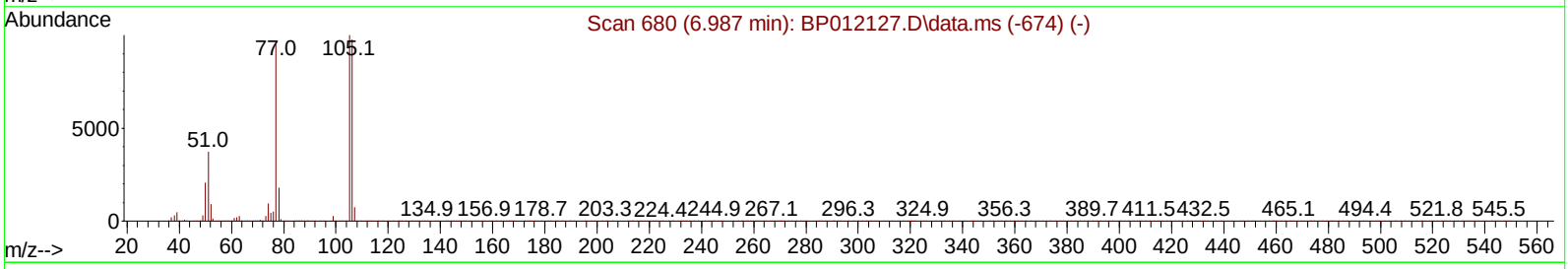

TIC: BP012144.D\data.ms

(6) Benzaldehyde

6.987min (-0.006) 23.72 ng/ul m

response 281204

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	106.50	105.56
106.00	103.90	102.99
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	7.845	152	314130	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1345730	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	723317	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1300645	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	1390425	20.000	ng/ul	0.00
88) Perylene-d12	23.762	264	1494711	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	53328	6.693	ng/uL	0.00
4) Pyridine-d5	3.693	84	399153	18.838	ng/ul	0.00
7) Phenol-d5	7.016	99	496499	19.652	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	285039	19.877	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	398695	19.881	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	376885	19.422	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	190795	20.075	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.734	143	199203	20.670	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.275	165	360081	19.279	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	500783	18.195	ng/ul	-0.01
46) Dimethylphthalate-d6	13.904	166	841632	18.373	ng/ul	-0.01
49) Acenaphthylene-d8	14.186	160	1088169	19.210	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	152981	17.011	ng/ul	0.00
60) Fluorene-d10	15.492	176	754853	18.213	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	117891	17.166	ng/ul	0.00
73) Anthracene-d10	17.351	188	1062986	18.821	ng/ul	0.00
81) Pyrene-d10	19.592	212	1216214	17.074	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	1349262	18.569	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	55806	6.656	ng/uL	96
5) Pyridine	3.716	79	388667	19.144	ng/ul	92
6) Benzaldehyde	6.987	77	281204m	23.723	ng/ul	
8) Phenol	7.040	94	522937	19.716	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.269	93	411765	19.677	ng/ul	98
12) 2-Chlorophenol	7.404	128	432984	19.894	ng/ul	99
13) 2-Methylphenol	8.292	108	387658	19.596	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	434112	20.239	ng/ul	100
16) Acetophenone	8.675	105	596609	19.942	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.657	70	273113	20.043	ng/ul	98
18) 4-Methylphenol	8.622	108	417400	19.576	ng/ul	96
19) Hexachloroethane	8.922	117	170452	20.289	ng/ul	98
22) Nitrobenzene	9.057	77	438664	20.134	ng/ul	99
23) Isophorone	9.586	82	761121	19.695	ng/ul	99
25) 2-Nitrophenol	9.763	139	229645	20.283	ng/ul	98
26) 2,4-Dimethylphenol	9.828	107	425646	19.303	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.063	93	507582	19.140	ng/ul	100
29) 2,4-Dichlorophenol	10.298	162	373355	19.022	ng/ul	98
30) Naphthalene	10.698	128	1333750	18.755	ng/ul	100
32) 4-Chloroaniline	10.822	127	522634	18.418	ng/ul	100
33) Hexachlorobutadiene	10.980	225	225292	18.510	ng/ul	99
34) Caprolactam	11.610	113	92438	17.139	ng/ul	98
35) 4-Chloro-3-methylphenol	11.945	107	350668	18.858	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	843915	18.429	ng/ul	100
37) 1-Methylnaphthalene	12.533	142	838950	18.295	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.680	216	419663	18.980	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	182906	17.031	ng/ul	98
41) 2,4,6-Trichlorophenol	12.927	196	258745	19.427	ng/ul	97
42) 2,4,5-Trichlorophenol	12.998	196	271736	18.773	ng/ul	98
43) 1,1'-Biphenyl	13.327	154	1039992	19.045	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	826551	18.955	ng/ul	99
45) 2-Nitroaniline	13.580	65	183603	19.738	ng/ul	99
47) Dimethylphthalate	13.957	163	888769	18.415	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	164512	19.253	ng/ul	97
50) Acenaphthylene	14.216	152	1226848	19.141	ng/ul	99
51) 3-Nitroaniline	14.410	138	180724	18.163	ng/ul	98
52) Acenaphthene	14.557	153	848171	18.589	ng/ul	100
53) 2,4-Dinitrophenol	14.616	184	94537	17.126	ng/ul	96
55) 4-Nitrophenol	14.721	109	109744	17.651	ng/ul	98
56) Dibenzofuran	14.892	168	1127057	18.277	ng/ul	98
57) 2,4-Dinitrotoluene	14.869	165	233790	19.037	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.121	232	208717	18.499	ng/ul	98
59) Diethylphthalate	15.321	149	818043	18.507	ng/ul	100
61) Fluorene	15.545	166	893239	18.453	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.539	204	423441	18.083	ng/ul	98
63) 4-Nitroaniline	15.574	138	177398	19.526	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.627	198	131374	17.694	ng/ul	99
67) N-Nitrosodiphenylamine	15.757	169	729883	18.959	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	231291	18.275	ng/ul	100
69) Hexachlorobenzene	16.551	284	263489	17.937	ng/ul	99
70) Atrazine	16.715	200	209099	17.663	ng/ul	99
71) Pentachlorophenol	16.904	266	157748	18.329	ng/ul	98
72) Phenanthrene	17.298	178	1312086	18.550	ng/ul	99
74) Anthracene	17.386	178	1323046	18.901	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.286	216	410911	19.551	ng/uL	99
76) Pentachlorobenzene	14.810	250	387194	18.758	ng/uL	99
77) Carbazole	17.663	167	1209571	19.375	ng/ul	99
78) Di-n-butylphthalate	18.210	149	1167664	18.848	ng/ul	100
80) Fluoranthene	19.268	202	1479898	16.955	ng/ul	99
82) Pyrene	19.621	202	1594877	17.266	ng/ul	98
83) Butylbenzylphthalate	20.492	149	547418	18.695	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.262	252	541624	17.677	ng/ul#	98
85) Benzo(a)anthracene	21.327	228	1668196	19.061	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.251	149	748725	18.967	ng/ul	99
87) Chrysene	21.380	228	1558425	18.499	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1374058	18.362	ng/ul	100
90) Benzo(b)fluoranthene	23.021	252	1733887	18.326	ng/ul	98
91) Benzo(k)fluoranthene	23.074	252	1748062	18.783	ng/ul	99
93) Benzo(a)pyrene	23.650	252	1577139	18.684	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.280	276	1922920	18.017	ng/ul	95
95) Dibenzo(a,h)anthracene	26.291	278	1727249	18.039	ng/ul#	95
96) Benzo(g,h,i)perylene	27.050	276	1699692	17.663	ng/ul	96

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

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