Quantitation Report (Qedit)

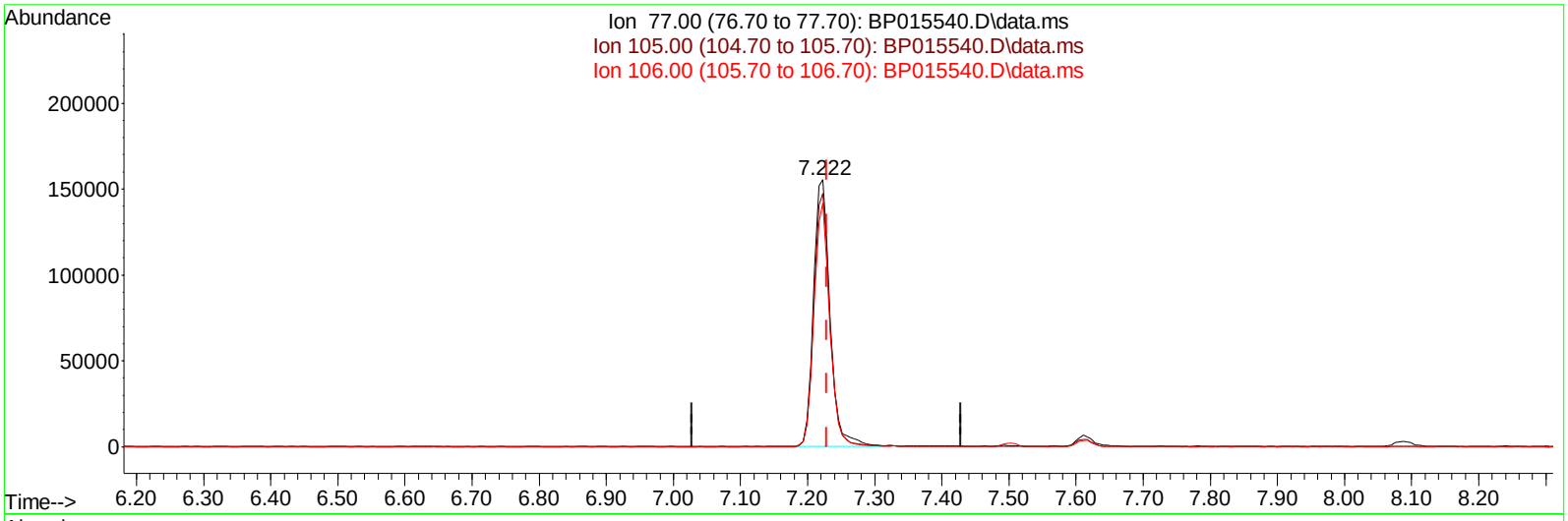
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
Data File : BP015540.D
Acq On : 15 Jun 2023 03:51
Operator : MA/JU
Sample : PB153412BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

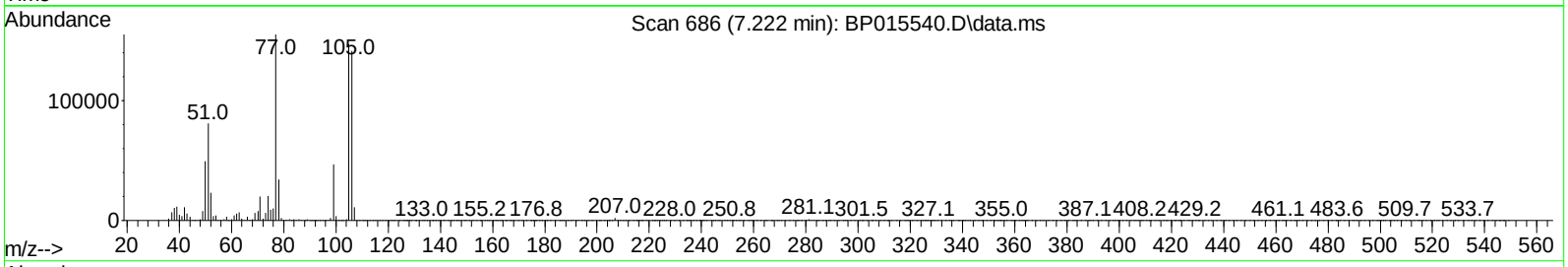
Quant Time: Jun 15 04:29:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 09 23:33:38 2023
Response via : Initial Calibration

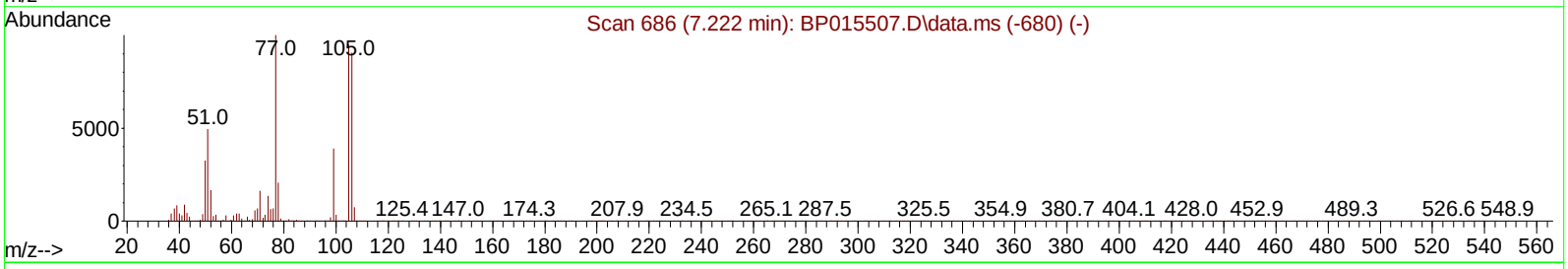
Instrument :
BNA_P
ClientSampleId :
SLCS412

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023







TIC: BP015540.D\data.ms

(6) Benzaldehyde

7.222min (-0.006) 57.51 ng/ul

response 265301

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	94.89
106.00	91.60	91.31
0.00	0.00	0.00

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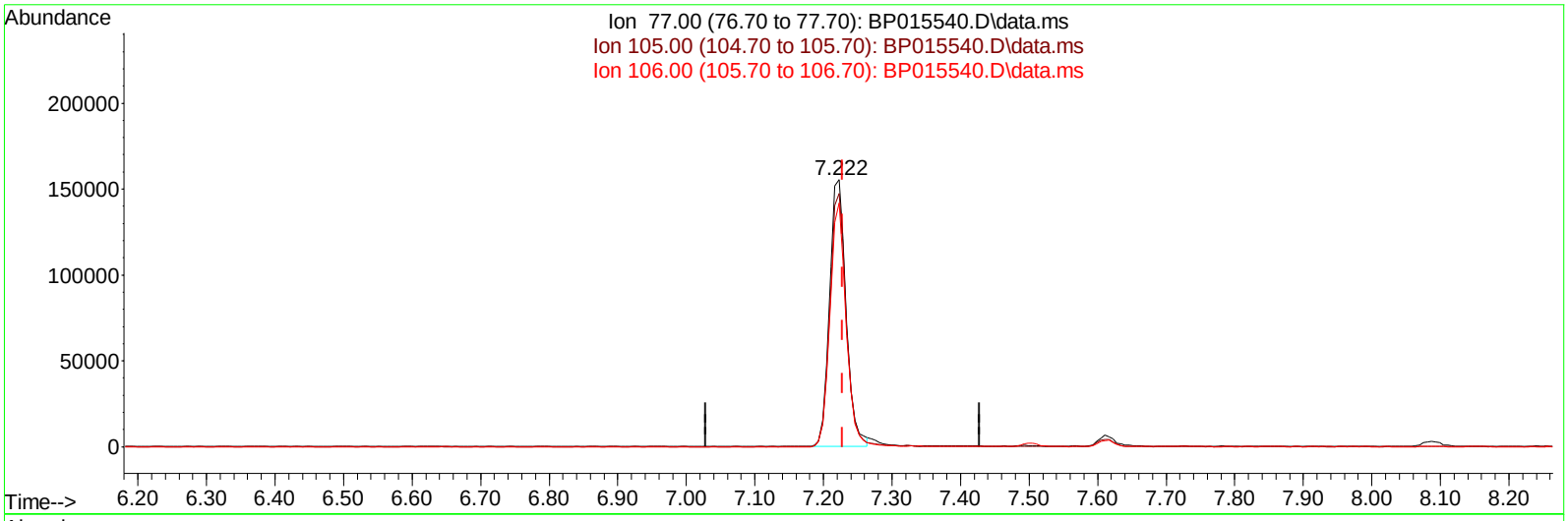

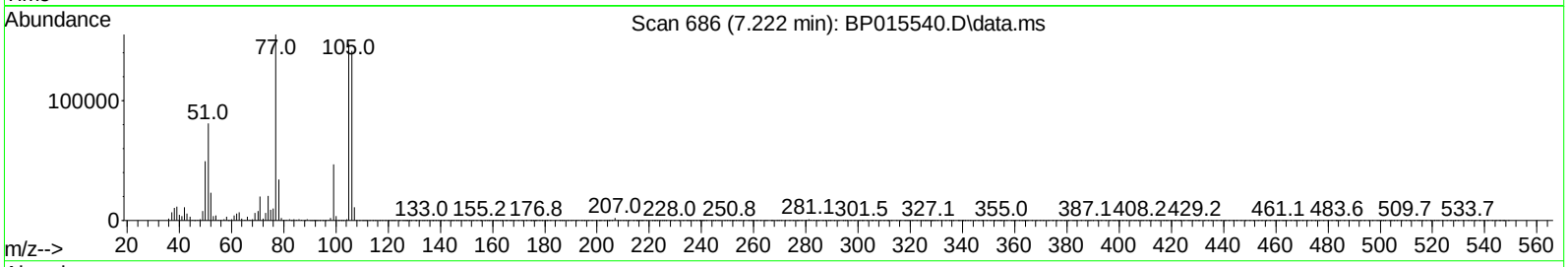

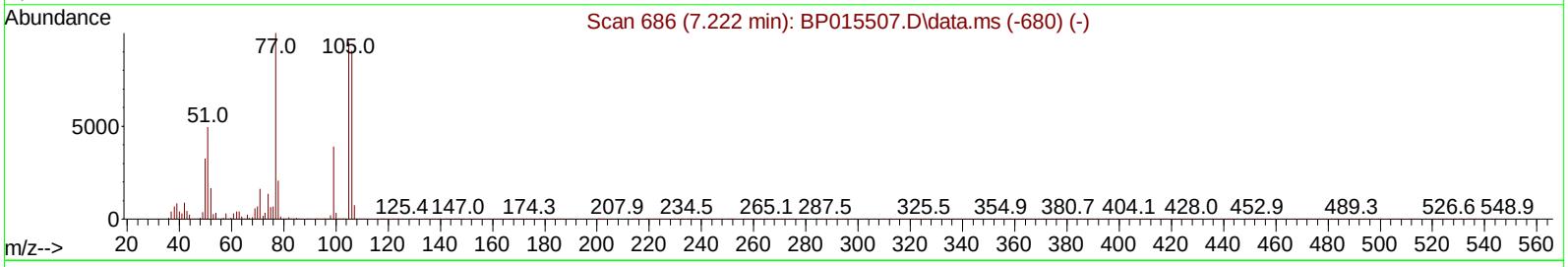

TIC: BP015540.D\data.ms

(6) Benzaldehyde

7.222min (-0.006) 56.35 ng/ul m

response 259956

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	94.89
106.00	91.60	91.31
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	8.087	152	131000	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	614529	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.728	164	419845	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.487	188	968698	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	914853	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	950342	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	20487	5.791	ng/uL	0.00
4) Pyridine-d5	3.840	84	306253	33.328	ng/ul	0.00
7) Phenol-d5	7.240	99	404063	33.481	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	251426	34.884	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	314954	35.995	ng/ul	-0.01
15) 4-Methylphenol-d8	8.805	113	348273	35.162	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	168462	34.917	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.993	143	194361	35.276	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	350349	34.858	ng/ul	0.00
31) 4-Chloroaniline-d4	11.052	131	479965	33.270	ng/ul	-0.01
46) Dimethylphthalate-d6	14.134	166	1198517	36.201	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	1286458	35.536	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	195809	33.027	ng/ul	0.00
60) Fluorene-d10	15.722	176	981339	35.150	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	220669	35.958	ng/ul	0.00
73) Anthracene-d10	17.587	188	1552831	35.232	ng/ul	0.00
81) Pyrene-d10	19.810	212	1939508	39.611	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1848815	38.772	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	41084	10.994	ng/uL	93
5) Pyridine	3.864	79	277836	29.164	ng/ul	95
6) Benzaldehyde	7.222	77	259956m	56.353	ng/ul	
8) Phenol	7.269	94	394248	31.664	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.505	93	304344	30.916	ng/ul	99
12) 2-Chlorophenol	7.646	128	297616	32.193	ng/ul	99
13) 2-Methylphenol	8.534	108	300723	31.391	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.622	45	409275	31.373	ng/ul	98
16) Acetophenone	8.922	105	508222	32.152	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.905	70	270065	31.655	ng/ul	98
18) 4-Methylphenol	8.869	108	335539	31.834	ng/ul	99
19) Hexachloroethane	9.175	117	122288	31.302	ng/ul	95
22) Nitrobenzene	9.305	77	410751	32.103	ng/ul	97
23) Isophorone	9.834	82	778493	30.395	ng/ul	98
25) 2-Nitrophenol	10.022	139	190415	32.009	ng/ul	95
26) 2,4-Dimethylphenol	10.075	107	353951	28.057	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.316	93	448038	30.088	ng/ul	99
29) 2,4-Dichlorophenol	10.558	162	320645	32.087	ng/ul	98
30) Naphthalene	10.963	128	1017431	30.553	ng/ul	100
32) 4-Chloroaniline	11.081	127	436164	29.219	ng/ul	98
33) Hexachlorobutadiene	11.240	225	215459	31.971	ng/ul	98
34) Caprolactam	11.863	113	114414	30.415	ng/ul	94
35) 4-Chloro-3-methylphenol	12.199	107	395267	32.646	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.563	142	717795	30.662	ng/ul	98
37) 1-Methylnaphthalene	12.781	142	717195	30.428	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.928	216	420014	32.127	ng/ul	99
40) Hexachlorocyclopentadiene	12.899	237	164541	30.704	ng/ul	97
41) 2,4,6-Trichlorophenol	13.169	196	285081	32.763	ng/ul	97
42) 2,4,5-Trichlorophenol	13.246	196	307458	32.425	ng/ul	99
43) 1,1'-Biphenyl	13.563	154	1015285	31.270	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	792847	31.124	ng/ul	99
45) 2-Nitroaniline	13.822	65	274278	33.642	ng/ul	96
47) Dimethylphthalate	14.181	163	1098572	32.138	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	232086	33.139	ng/ul	98
50) Acenaphthylene	14.457	152	1241422	30.966	ng/ul	100
51) 3-Nitroaniline	14.646	138	224924	38.905	ng/ul	98
52) Acenaphthene	14.793	153	862036	31.107	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	125391	29.764	ng/ul	95
55) 4-Nitrophenol	14.946	109	181758	31.783	ng/ul	90
56) Dibenzofuran	15.128	168	1230419	31.327	ng/ul	97
57) 2,4-Dinitrotoluene	15.098	165	341701	33.173	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.357	232	287229	33.549	ng/ul	96
59) Diethylphthalate	15.540	149	1156828	33.020	ng/ul	99
61) Fluorene	15.781	166	1015219	31.708	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	520688	32.267	ng/ul	98
63) 4-Nitroaniline	15.810	138	231689	42.250	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.863	198	202909	32.419	ng/ul#	88
67) N-Nitrosodiphenylamine	15.987	169	880337	32.033	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	340110	32.818	ng/ul	98
69) Hexachlorobenzene	16.787	284	406079	33.218	ng/ul	97
70) Atrazine	16.940	200	349817	31.876	ng/ul	99
71) Pentachlorophenol	17.134	266	238697	34.546	ng/ul	98
72) Phenanthrene	17.528	178	1684406	32.402	ng/ul	100
74) Anthracene	17.622	178	1680113	31.853	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.534	216	431288	32.259	ng/uL	99
76) Pentachlorobenzene	15.046	250	433512	30.970	ng/uL	96
77) Carbazole	17.892	167	1546950	32.572	ng/ul	100
78) Di-n-butylphthalate	18.422	149	2049562	34.013	ng/ul	100
80) Fluoranthene	19.486	202	2103796	35.273	ng/ul	97
82) Pyrene	19.839	202	2167751	35.130	ng/ul	97
83) Butylbenzylphthalate	20.692	149	986948	36.187	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.480	252	730541	33.800	ng/ul	99
85) Benzo(a)anthracene	21.551	228	2138036	33.430	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	1461890	36.264	ng/ul	99
87) Chrysene	21.610	228	2022412	33.455	ng/ul	100
89) Di-n-octyl phthalate	22.416	149	2553733	40.886	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2150487	35.056	ng/ul	100
91) Benzo(k)fluoranthene	23.386	252	2079958	35.076	ng/ul	99
93) Benzo(a)pyrene	24.004	252	1796419	33.588	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.810	276	2156871	31.161	ng/ul	98
95) Dibenzo(a,h)anthracene	26.827	278	1784610	31.647	ng/ul	99
96) Benzo(g,h,i)perylene	27.645	276	1742236	30.543	ng/ul	98

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

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