Quantitation Report (Qedit)

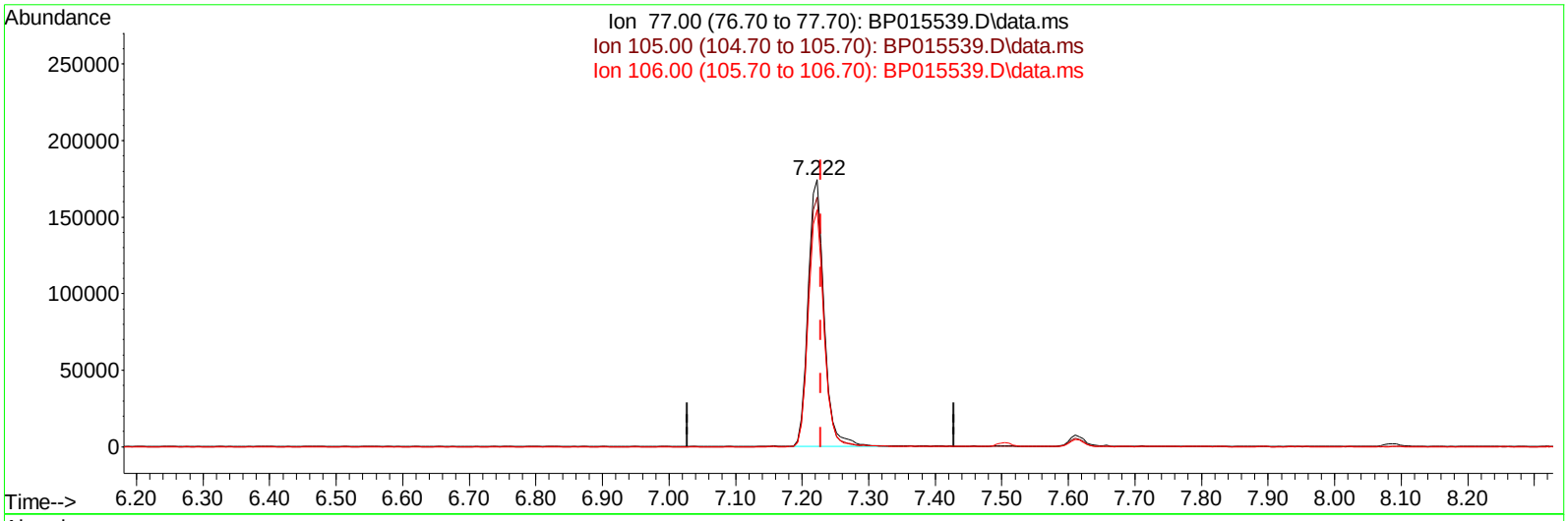
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
Data File : BP015539.D
Acq On : 15 Jun 2023 03:17
Operator : MA/JU
Sample : PB153379BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

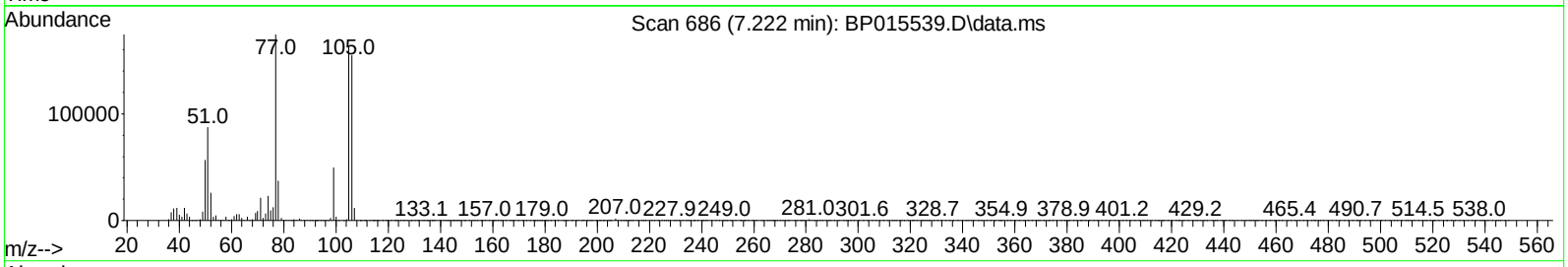
Quant Time: Jun 15 03:53:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 09 23:33:38 2023
Response via : Initial Calibration

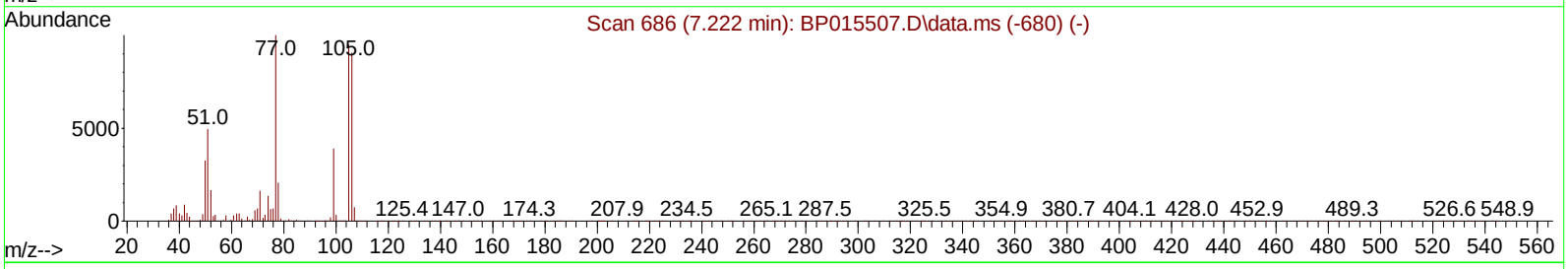
Instrument :
BNA_P
ClientSampleId :
SLCS379

Manual IntegrationsAPPROVED

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







TIC: BP015539.D\data.ms

(6) Benzaldehyde

7.222min (-0.006) 104.86 ng/ul

response 291841

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	93.54
106.00	91.60	88.73
0.00	0.00	0.00

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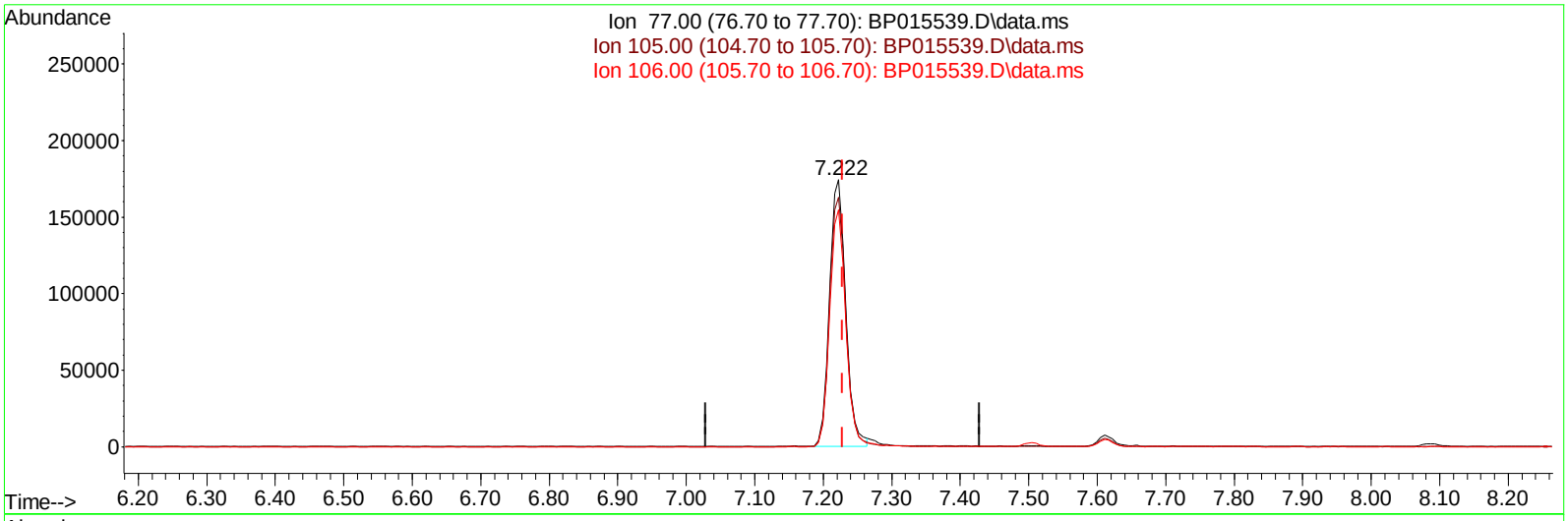

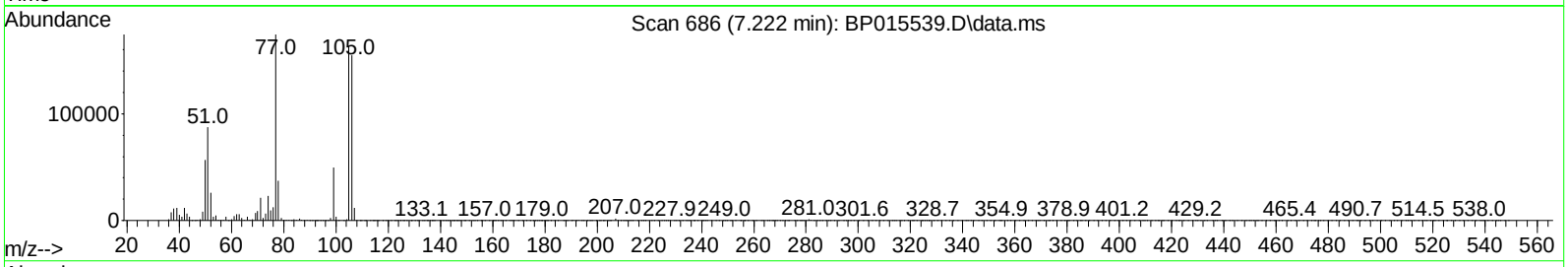

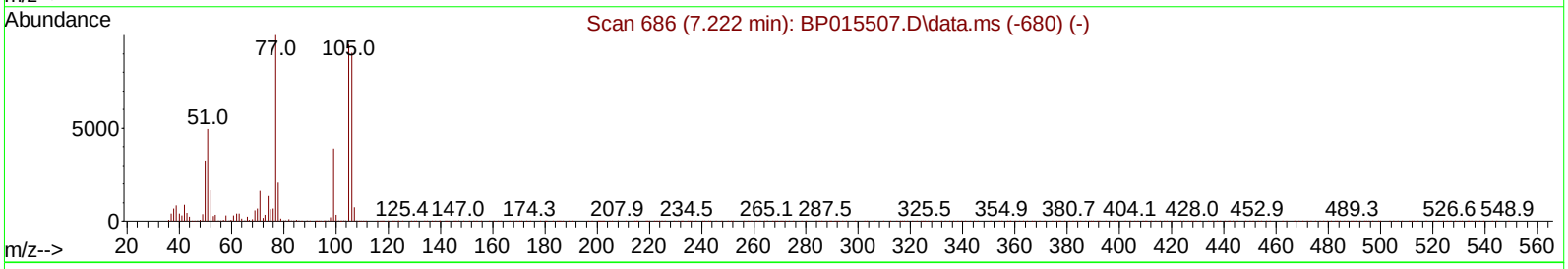

TIC: BP015539.D\data.ms

(6) Benzaldehyde

7.222min (-0.006) 102.91 ng/ul m

response 286427

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	93.54
106.00	91.60	88.73
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	79039	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	372035	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	250948	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.486	188	579198	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	564721	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	600014	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	25372	11.887	ng/uL	0.00
4) Pyridine-d5	3.846	84	164301	29.634	ng/ul	0.00
7) Phenol-d5	7.240	99	466284	64.036	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	286368	65.851	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	363423	68.839	ng/ul	-0.01
15) 4-Methylphenol-d8	8.805	113	400426	67.005	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	192019	65.741	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.993	143	220942	66.238	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	402743	66.190	ng/ul	0.00
31) 4-Chloroaniline-d4	11.052	131	245041	28.057	ng/ul	-0.01
46) Dimethylphthalate-d6	14.140	166	1334913	67.458	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	1457709	67.367	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	226678	63.966	ng/ul	0.00
60) Fluorene-d10	15.722	176	1095274	65.635	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	249064	67.879	ng/ul	0.00
73) Anthracene-d10	17.586	188	1751530	66.465	ng/ul	0.00
81) Pyrene-d10	19.810	212	2171036	71.830	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	2145642	71.269	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	45783	20.306	ng/uL	90
5) Pyridine	3.864	79	319428	55.574	ng/ul	97
6) Benzaldehyde	7.222	77	286427m	102.911	ng/ul	
8) Phenol	7.269	94	450662	59.991	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.505	93	346882	58.403	ng/ul	100
12) 2-Chlorophenol	7.646	128	336716	60.366	ng/ul	98
13) 2-Methylphenol	8.534	108	345013	59.691	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.622	45	462862	58.807	ng/ul	95
16) Acetophenone	8.922	105	573274	60.109	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.905	70	309731	60.171	ng/ul	98
18) 4-Methylphenol	8.869	108	382193	60.099	ng/ul	99
19) Hexachloroethane	9.175	117	143068	60.697	ng/ul	100
22) Nitrobenzene	9.305	77	461164	59.536	ng/ul	98
23) Isophorone	9.834	82	887366	57.228	ng/ul	98
25) 2-Nitrophenol	10.022	139	216019	59.982	ng/ul	97
26) 2,4-Dimethylphenol	10.081	107	430459	56.362	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.316	93	510304	56.607	ng/ul	99
29) 2,4-Dichlorophenol	10.557	162	366819	60.634	ng/ul	97
30) Naphthalene	10.963	128	1152993	57.192	ng/ul	100
32) 4-Chloroaniline	11.081	127	482977	53.444	ng/ul	97
33) Hexachlorobutadiene	11.240	225	241609	59.219	ng/ul	99
34) Caprolactam	11.869	113	130706	57.393	ng/ul	98
35) 4-Chloro-3-methylphenol	12.199	107	444685	60.666	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.563	142	812659	57.341	ng/ul	99
37) 1-Methylnaphthalene	12.781	142	828409	58.054	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.928	216	470589	60.221	ng/ul	99
40) Hexachlorocyclopentadiene	12.904	237	207258	64.704	ng/ul	98
41) 2,4,6-Trichlorophenol	13.169	196	315439	60.650	ng/ul	99
42) 2,4,5-Trichlorophenol	13.246	196	347876	61.380	ng/ul	99
43) 1,1'-Biphenyl	13.563	154	1130897	58.274	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	897237	58.927	ng/ul	97
45) 2-Nitroaniline	13.822	65	316947	65.040	ng/ul	97
47) Dimethylphthalate	14.187	163	1202994	58.879	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	259729	62.047	ng/ul	98
50) Acenaphthylene	14.457	152	1387856	57.918	ng/ul	100
51) 3-Nitroaniline	14.645	138	253814	73.450	ng/ul	97
52) Acenaphthene	14.793	153	969702	58.543	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	144673	57.454	ng/ul	98
55) 4-Nitrophenol	14.951	109	208031	60.860	ng/ul	89
56) Dibenzofuran	15.128	168	1372400	58.459	ng/ul	96
57) 2,4-Dinitrotoluene	15.104	165	379607	61.657	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.357	232	305213	59.644	ng/ul#	98
59) Diethylphthalate	15.540	149	1261202	60.229	ng/ul	99
61) Fluorene	15.781	166	1116869	58.359	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	563702	58.444	ng/ul	99
63) 4-Nitroaniline	15.810	138	256127	78.141	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.869	198	222614	59.486	ng/ul	96
67) N-Nitrosodiphenylamine	15.987	169	971853	59.145	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	375505	60.600	ng/ul	98
69) Hexachlorobenzene	16.787	284	444230	60.776	ng/ul	95
70) Atrazine	16.939	200	265118	40.404	ng/ul	100
71) Pentachlorophenol	17.134	266	256709	62.138	ng/ul	99
72) Phenanthrene	17.534	178	1880245	60.493	ng/ul	100
74) Anthracene	17.622	178	1869329	59.274	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.534	216	470480	58.856	ng/uL	98
76) Pentachlorobenzene	15.051	250	491593	58.736	ng/uL	97
77) Carbazole	17.892	167	1717113	60.469	ng/ul	100
78) Di-n-butylphthalate	18.422	149	2221325	61.654	ng/ul	99
80) Fluoranthene	19.486	202	2335435	63.434	ng/ul	97
82) Pyrene	19.839	202	2388212	62.700	ng/ul	97
83) Butylbenzylphthalate	20.692	149	1097223	65.174	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	824761	61.819	ng/ul	98
85) Benzo(a)anthracene	21.557	228	2409454	61.032	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	1650716	66.337	ng/ul	100
87) Chrysene	21.610	228	2274781	60.961	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	2887366	73.219	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2441116	63.028	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	2397525	64.037	ng/ul	99
93) Benzo(a)pyrene	24.004	252	2069010	61.272	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.815	276	2505352	57.329	ng/ul	99
95) Dibenzo(a,h)anthracene	26.833	278	2064559	57.988	ng/ul	99
96) Benzo(g,h,i)perylene	27.645	276	2030456	56.379	ng/ul	99

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

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