Quantitation Report (Qedit)

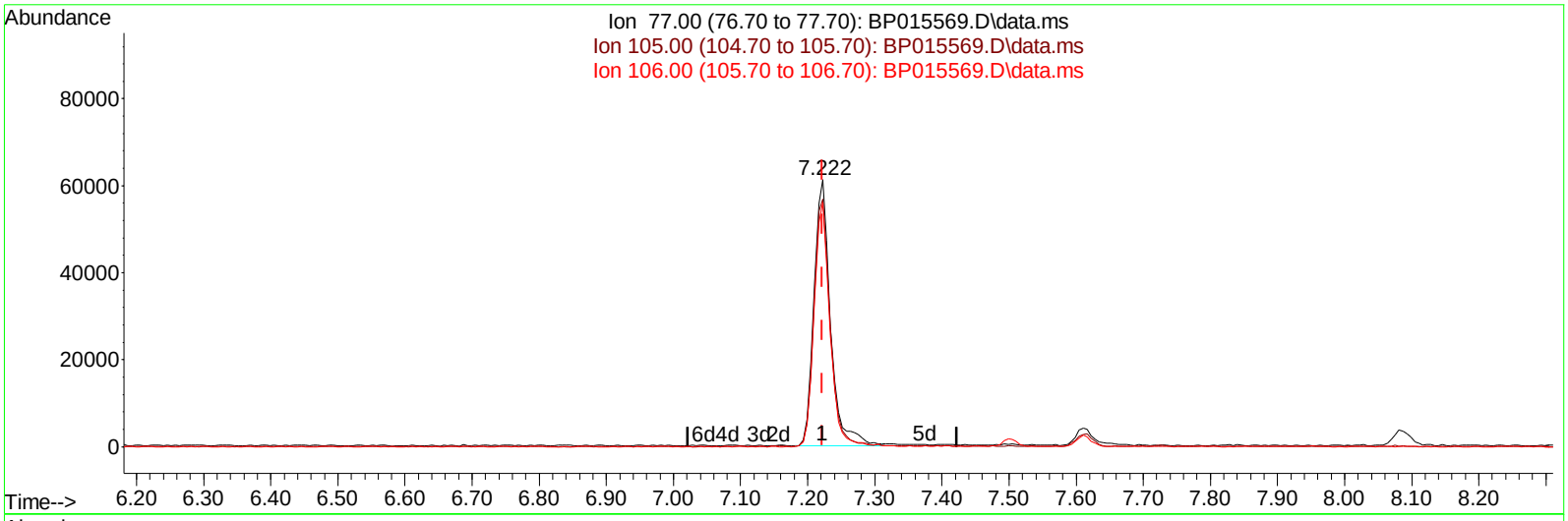
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
Data File : BP015569.D
Acq On : 15 Jun 2023 23:13
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 63 Sample Multiplier: 1

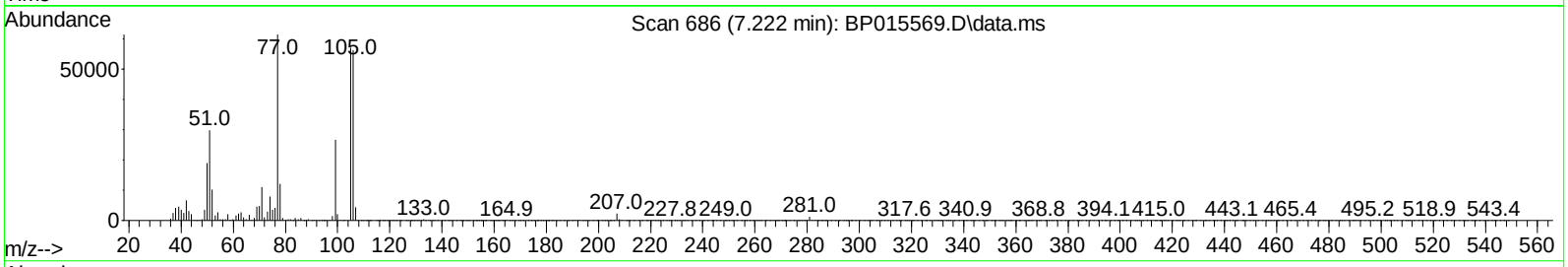
Quant Time: Jun 15 23:44:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

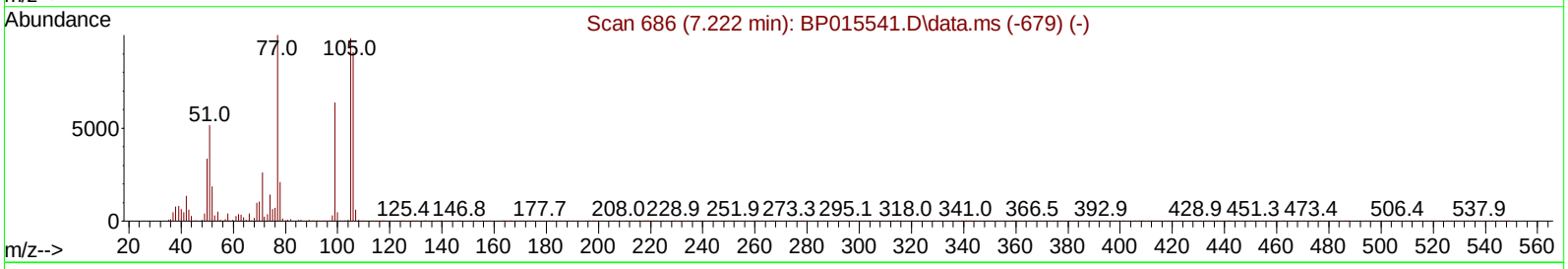
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

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







TIC: BP015569.D\data.ms

(6) Benzaldehyde

7.222min (+ 0.000) 19.60 ng/ul

response 105115

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	92.88
106.00	91.60	91.56
0.00	0.00	0.00

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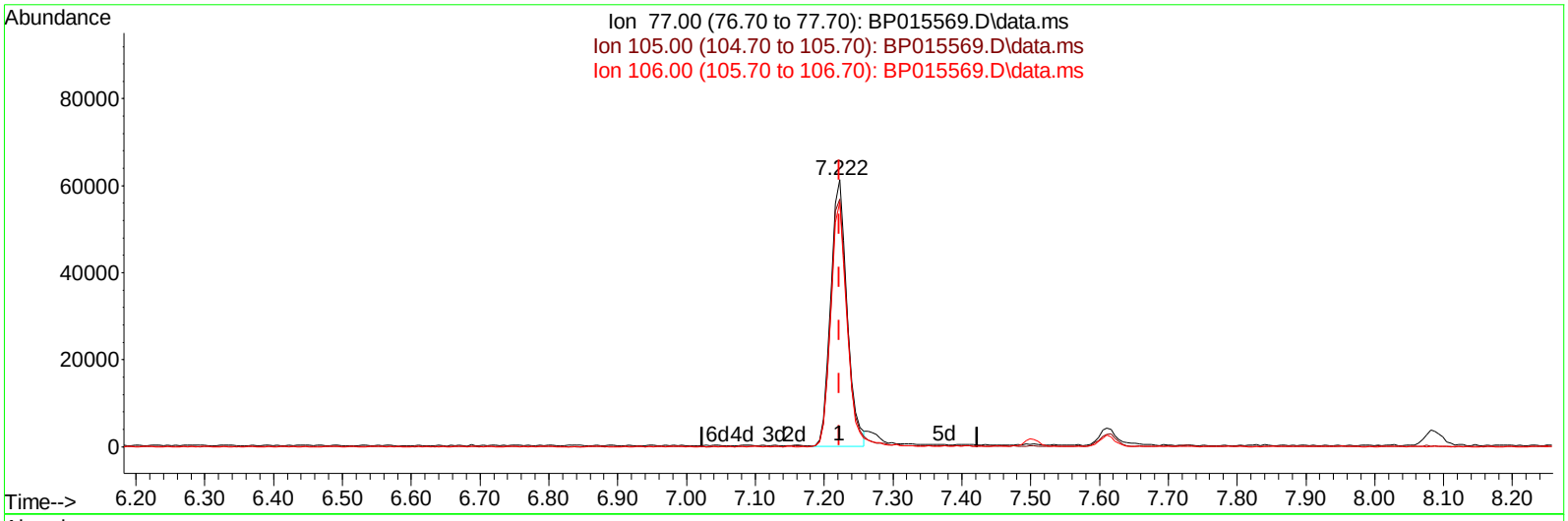

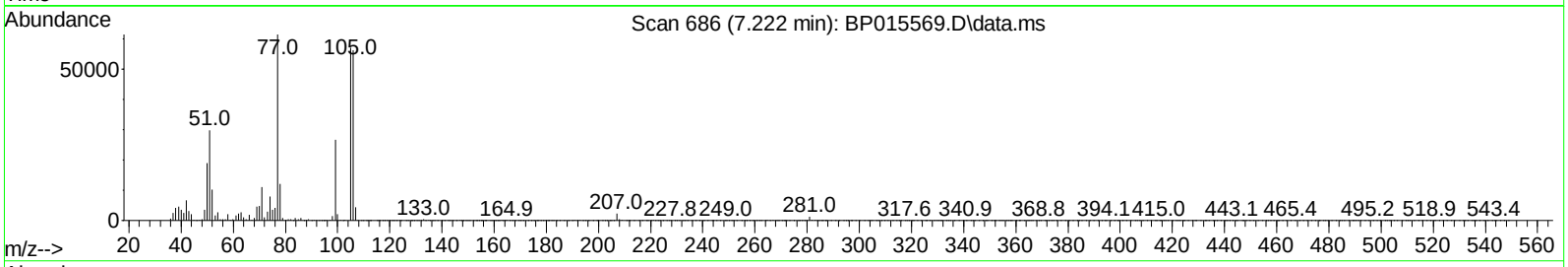

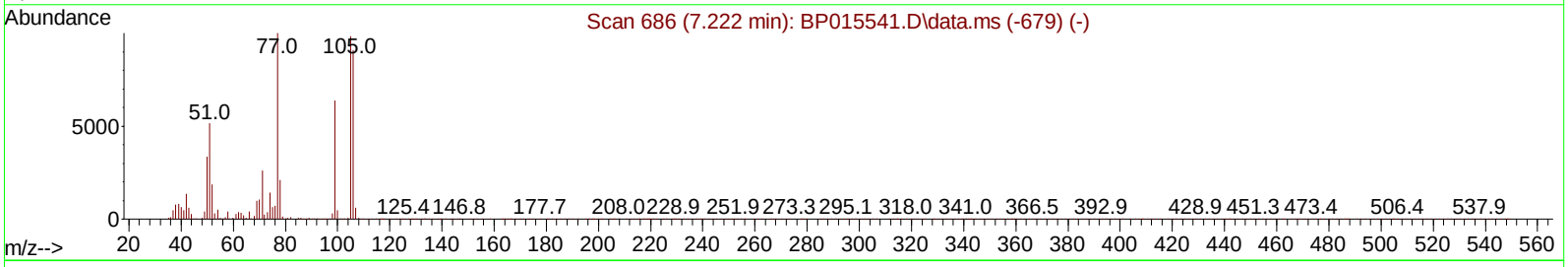

TIC: BP015569.D\data.ms

(6) Benzaldehyde

7.222min (+ 0.000) 18.86 ng/ul m

response 101153

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	92.88
106.00	91.60	91.56
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	152284	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	708344	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	484781	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	1124889	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1134279	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	1245118	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	29605	7.199	ng/uL	0.00
4) Pyridine-d5	3.846	84	216183	20.238	ng/ul	0.00
7) Phenol-d5	7.240	99	281494	20.065	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	171516	20.471	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	209490	20.595	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	235699	20.470	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	114022	20.503	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	133534	21.026	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	245501	21.191	ng/ul	0.00
31) 4-Chloroaniline-d4	11.052	131	345365	20.769	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	774450	20.259	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	860976	20.597	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	123610	18.056	ng/ul	0.00
60) Fluorene-d10	15.722	176	658710	20.434	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	134392	18.859	ng/ul	0.00
73) Anthracene-d10	17.587	188	1046676	20.451	ng/ul	0.00
81) Pyrene-d10	19.810	212	1278006	21.052	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1271486	20.352	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	32501	7.482	ng/uL	92
5) Pyridine	3.864	79	230725	20.834	ng/ul	94
6) Benzaldehyde	7.222	77	101153m	18.863	ng/ul	
8) Phenol	7.269	94	295928	20.446	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.499	93	229840	20.085	ng/ul	99
12) 2-Chlorophenol	7.646	128	221568	20.617	ng/ul	97
13) 2-Methylphenol	8.534	108	229816	20.637	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.611	45	313968	20.704	ng/ul	99
16) Acetophenone	8.922	105	387134	21.068	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.899	70	209449	21.119	ng/ul	98
18) 4-Methylphenol	8.863	108	255548	20.857	ng/ul	98
19) Hexachloroethane	9.169	117	92173	20.296	ng/ul	99
22) Nitrobenzene	9.305	77	311196	21.101	ng/ul	99
23) Isophorone	9.834	82	590631	20.006	ng/ul	99
25) 2-Nitrophenol	10.022	139	144691	21.101	ng/ul	98
26) 2,4-Dimethylphenol	10.075	107	299542	20.599	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.316	93	344452	20.068	ng/ul	99
29) 2,4-Dichlorophenol	10.557	162	247695	21.504	ng/ul	98
30) Naphthalene	10.963	128	776041	20.218	ng/ul	99
32) 4-Chloroaniline	11.075	127	357371	20.770	ng/ul	98
33) Hexachlorobutadiene	11.240	225	162920	20.973	ng/ul	98
34) Caprolactam	11.857	113	86349	19.914	ng/ul	95
35) 4-Chloro-3-methylphenol	12.199	107	296762	21.264	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.563	142	548375	20.322	ng/ul	100
37) 1-Methylnaphthalene	12.781	142	556939	20.499	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.928	216	320693	21.244	ng/ul	98
40) Hexachlorocyclopentadiene	12.899	237	117501	18.989	ng/ul	98
41) 2,4,6-Trichlorophenol	13.169	196	216230	21.521	ng/ul	98
42) 2,4,5-Trichlorophenol	13.246	196	237713	21.712	ng/ul	96
43) 1,1'-Biphenyl	13.563	154	766455	20.444	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	603394	20.514	ng/ul	99
45) 2-Nitroaniline	13.816	65	206411	21.926	ng/ul	93
47) Dimethylphthalate	14.181	163	795701	20.160	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	168328	20.816	ng/ul	98
50) Acenaphthylene	14.451	152	948147	20.483	ng/ul	100
51) 3-Nitroaniline	14.645	138	128706	19.280	ng/ul	98
52) Acenaphthene	14.793	153	657763	20.556	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	109346	22.479	ng/ul	98
55) 4-Nitrophenol	14.951	109	125249	18.968	ng/ul	95
56) Dibenzofuran	15.128	168	936037	20.639	ng/ul	98
57) 2,4-Dinitrotoluene	15.098	165	247566	20.815	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.357	232	208952	21.137	ng/ul	99
59) Diethylphthalate	15.540	149	825218	20.400	ng/ul	99
61) Fluorene	15.775	166	761676	20.602	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.763	204	386060	20.720	ng/ul	98
63) 4-Nitroaniline	15.804	138	115876	18.300	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.863	198	138879	19.108	ng/ul#	90
67) N-Nitrosodiphenylamine	15.981	169	645795	20.236	ng/ul	100
68) 4-Bromophenyl-phenylether	16.663	248	249317	20.717	ng/ul	95
69) Hexachlorobenzene	16.787	284	294927	20.776	ng/ul	96
70) Atrazine	16.934	200	266566	20.917	ng/ul	98
71) Pentachlorophenol	17.134	266	173117	21.576	ng/ul	97
72) Phenanthrene	17.528	178	1248515	20.682	ng/ul	100
74) Anthracene	17.622	178	1272099	20.769	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.534	216	328564	21.164	ng/uL	100
76) Pentachlorobenzene	15.045	250	337673	20.774	ng/uL	96
77) Carbazole	17.886	167	1148067	20.817	ng/ul	99
78) Di-n-butylphthalate	18.416	149	1476751	21.105	ng/ul	99
80) Fluoranthene	19.481	202	1571107	21.246	ng/ul	99
82) Pyrene	19.833	202	1615616	21.118	ng/ul	99
83) Butylbenzylphthalate	20.692	149	743526	21.988	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.475	252	510572	19.053	ng/ul	99
85) Benzo(a)anthracene	21.551	228	1650879	20.820	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1102734	22.063	ng/ul	99
87) Chrysene	21.604	228	1537956	20.520	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	1926897	23.547	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	1655079	20.593	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	1638829	21.094	ng/ul	98
93) Benzo(a)pyrene	23.998	252	1414441	20.185	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.804	276	1719307	18.959	ng/ul	99
95) Dibenzo(a,h)anthracene	26.815	278	1420370	19.225	ng/ul	99
96) Benzo(g,h,i)perylene	27.633	276	1388453	18.578	ng/ul	99

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

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