Quantitation Report (Qedit)

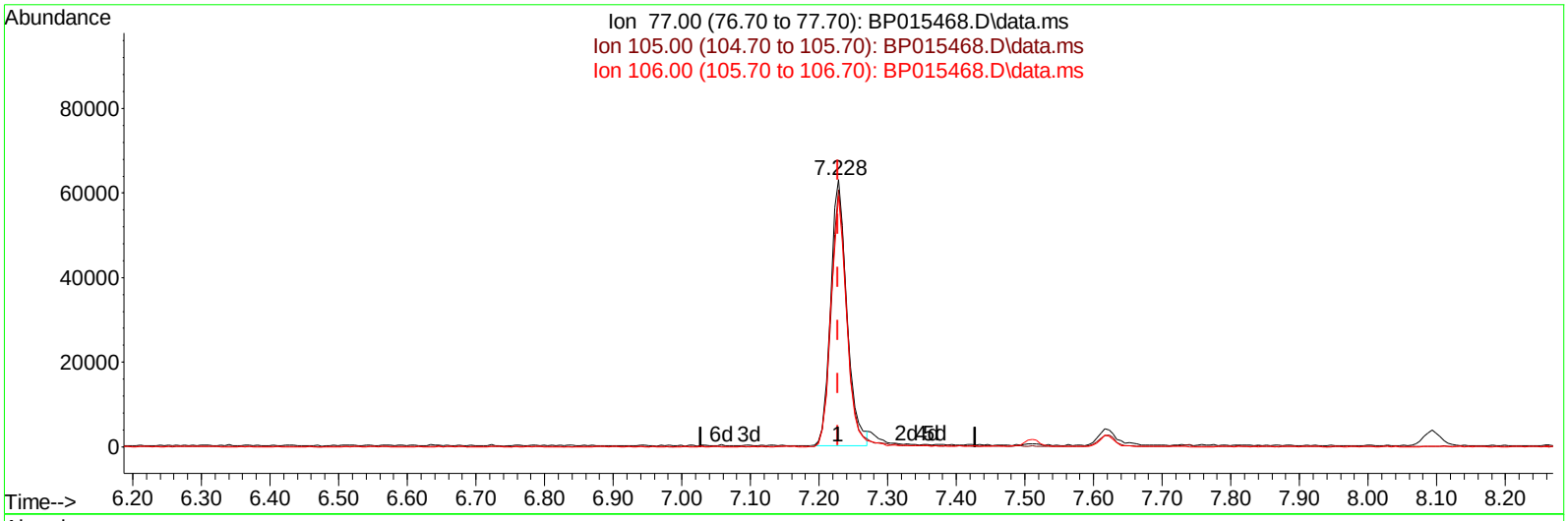
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060923\
Data File : BP015468.D
Acq On : 10 Jun 2023 01:52
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

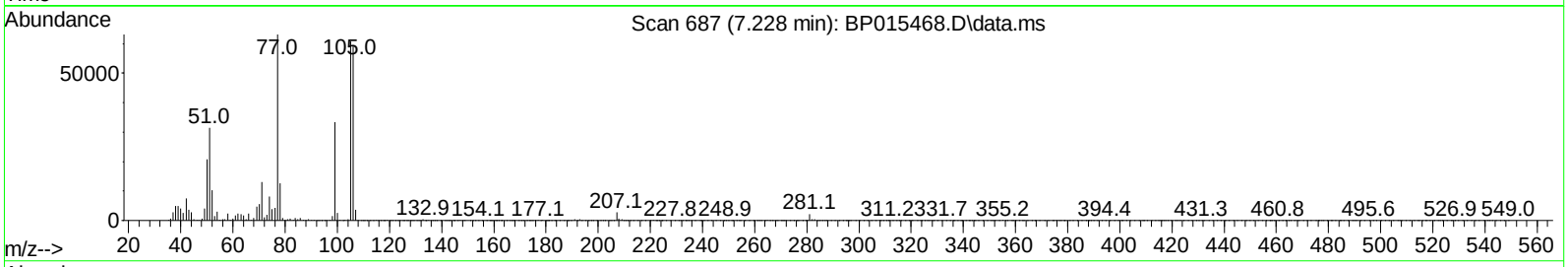
Quant Time: Jun 10 02:27:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 09 23:33:38 2023
Response via : Initial Calibration

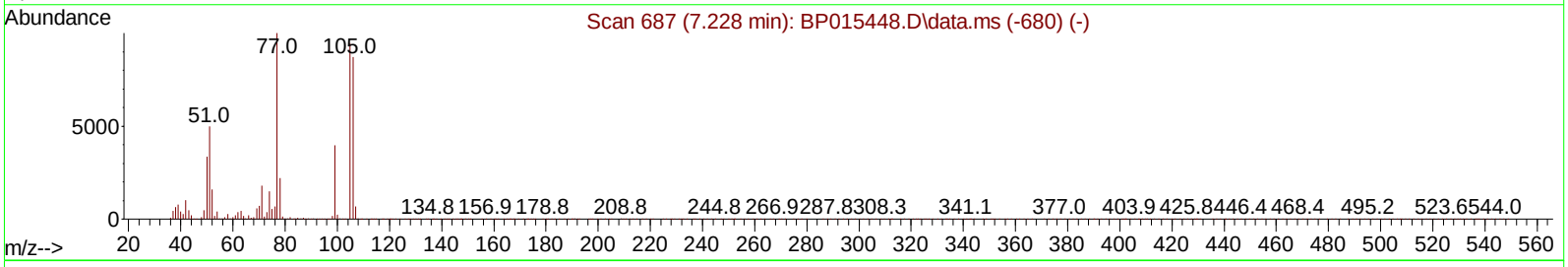
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/12/2023
Supervised By :mohammad ahmed 06/13/2023







TIC: BP015468.D\data.ms

(6) Benzaldehyde

7.228min (+ 0.000) 20.39 ng/ul

response 104061

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	96.22
106.00	91.60	94.07
0.00	0.00	0.00

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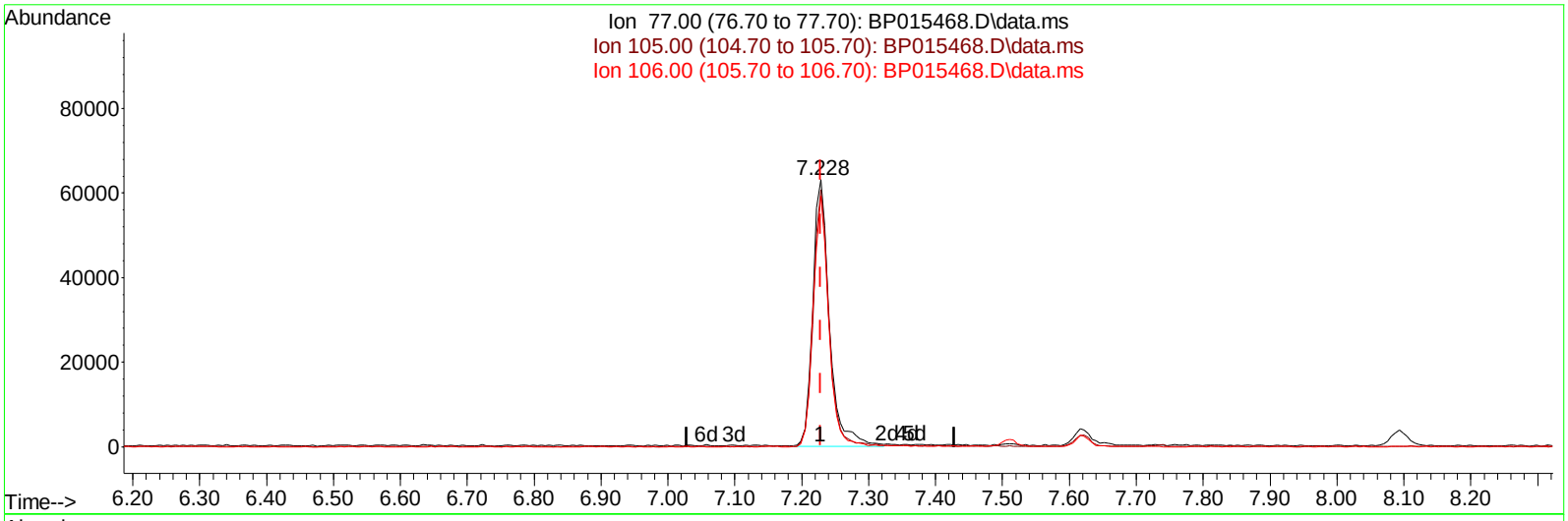

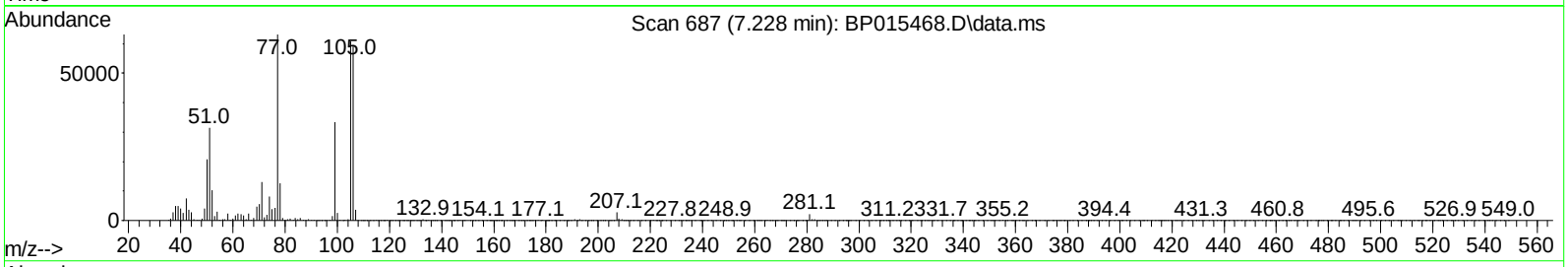

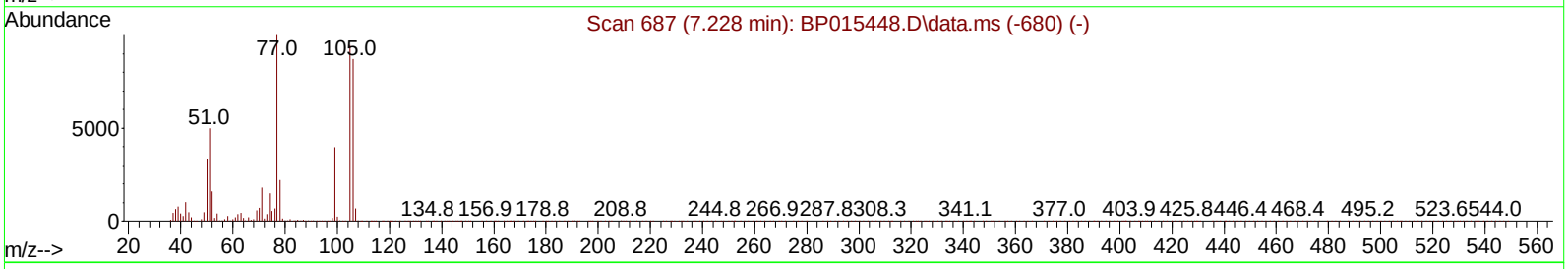

TIC: BP015468.D\data.ms

(6) Benzaldehyde

7.228min (+ 0.000) 21.29 ng/ul m

response 108651

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	96.22
106.00	91.60	94.07
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	8.093	152	144952	20.000	ng/ul	0.00
20) Naphthalene-d8	10.922	136	684020	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.734	164	470146	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	1102951	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	1099782	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1209820	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	30842	7.879	ng/uL	0.00
4) Pyridine-d5	3.846	84	222996	21.932	ng/ul	0.00
7) Phenol-d5	7.246	99	280346	20.994	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	174972	21.939	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	210084	21.699	ng/ul	0.00
15) 4-Methylphenol-d8	8.811	113	235775	21.513	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	113989	21.226	ng/ul	0.00
24) 2-Nitrophenol-d4	9.999	143	133739	21.807	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	249380	22.292	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	349033	21.736	ng/ul	0.00
46) Dimethylphthalate-d6	14.140	166	790423	21.320	ng/ul	0.00
49) Acenaphthylene-d8	14.434	160	875147	21.588	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	131234	19.767	ng/ul	0.00
60) Fluorene-d10	15.728	176	670645	21.452	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	135327	19.368	ng/ul	0.00
73) Anthracene-d10	17.592	188	1072430	21.370	ng/ul	0.00
81) Pyrene-d10	19.816	212	1286656	21.859	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1281249	21.107	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	34808	8.418	ng/uL	92
5) Pyridine	3.870	79	226440	21.482	ng/ul	93
6) Benzaldehyde	7.228	77	108651m	21.286	ng/ul	
8) Phenol	7.275	94	295880	21.477	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.511	93	237788	21.830	ng/ul	99
12) 2-Chlorophenol	7.652	128	225090	22.004	ng/ul	98
13) 2-Methylphenol	8.540	108	229929	21.691	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.622	45	326927	22.649	ng/ul	99
16) Acetophenone	8.928	105	391234	22.368	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.911	70	211226	22.375	ng/ul	97
18) 4-Methylphenol	8.869	108	259977	22.291	ng/ul	97
19) Hexachloroethane	9.181	117	93654	21.665	ng/ul	98
22) Nitrobenzene	9.310	77	309007	21.697	ng/ul	97
23) Isophorone	9.840	82	608669	21.350	ng/ul	99
25) 2-Nitrophenol	10.028	139	144581	21.835	ng/ul	98
26) 2,4-Dimethylphenol	10.087	107	302580	21.548	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.322	93	352817	21.286	ng/ul	99
29) 2,4-Dichlorophenol	10.569	162	244835	22.011	ng/ul	99
30) Naphthalene	10.969	128	792935	21.392	ng/ul	100
32) 4-Chloroaniline	11.087	127	364432	21.933	ng/ul	97
33) Hexachlorobutadiene	11.246	225	158152	21.083	ng/ul	96
34) Caprolactam	11.863	113	84296	20.132	ng/ul	88
35) 4-Chloro-3-methylphenol	12.199	107	298820	22.173	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.569	142	558213	21.422	ng/ul	99
37) 1-Methylnaphthalene	12.787	142	566601	21.596	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.934	216	320939	21.922	ng/ul	100
40) Hexachlorocyclopentadiene	12.910	237	133016	22.165	ng/ul	97
41) 2,4,6-Trichlorophenol	13.175	196	215136	22.079	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	237066	22.327	ng/ul	95
43) 1,1'-Biphenyl	13.569	154	781609	21.498	ng/ul	99
44) 2-Chloronaphthalene	13.616	162	613373	21.502	ng/ul	98
45) 2-Nitroaniline	13.828	65	203140	22.251	ng/ul	97
47) Dimethylphthalate	14.187	163	817105	21.346	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	172853	22.041	ng/ul	99
50) Acenaphthylene	14.463	152	967964	21.562	ng/ul	99
51) 3-Nitroaniline	14.646	138	130096	20.095	ng/ul	96
52) Acenaphthene	14.798	153	665638	21.450	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	81444	17.264	ng/ul	96
55) 4-Nitrophenol	14.951	109	127075	19.843	ng/ul	97
56) Dibenzofuran	15.134	168	945683	21.501	ng/ul	97
57) 2,4-Dinitrotoluene	15.104	165	249552	21.635	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.357	232	211590	22.070	ng/ul#	98
59) Diethylphthalate	15.545	149	846808	21.585	ng/ul	100
61) Fluorene	15.787	166	776286	21.651	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	393236	21.762	ng/ul	99
63) 4-Nitroaniline	15.810	138	120093	19.557	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.869	198	141924	19.915	ng/ul	92
67) N-Nitrosodiphenylamine	15.987	169	668712	21.371	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	252095	21.364	ng/ul	96
69) Hexachlorobenzene	16.792	284	300342	21.578	ng/ul	97
70) Atrazine	16.940	200	267386	21.399	ng/ul	99
71) Pentachlorophenol	17.140	266	170611	21.687	ng/ul	99
72) Phenanthrene	17.534	178	1265811	21.386	ng/ul	99
74) Anthracene	17.628	178	1279542	21.306	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.540	216	333563	21.913	ng/uL	99
76) Pentachlorobenzene	15.051	250	342770	21.507	ng/uL	97
77) Carbazole	17.892	167	1169648	21.630	ng/ul	99
78) Di-n-butylphthalate	18.422	149	1504313	21.926	ng/ul	99
80) Fluoranthene	19.486	202	1569405	21.889	ng/ul	100
82) Pyrene	19.845	202	1620138	21.841	ng/ul	98
83) Butylbenzylphthalate	20.698	149	734803	22.412	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.480	252	532704	20.502	ng/ul	100
85) Benzo(a)anthracene	21.557	228	1667629	21.690	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	1099663	22.692	ng/ul	100
87) Chrysene	21.616	228	1538193	21.166	ng/ul	99
89) Di-n-octyl phthalate	22.422	149	1929204	24.263	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1718152	22.001	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	1622576	21.494	ng/ul	100
93) Benzo(a)pyrene	24.010	252	1442611	21.188	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.821	276	1712361	19.433	ng/ul	99
95) Dibenzo(a,h)anthracene	26.833	278	1423979	19.836	ng/ul	99
96) Benzo(g,h,i)perylene	27.657	276	1387029	19.101	ng/ul	100

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

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