Quantitation Report (Qedit)

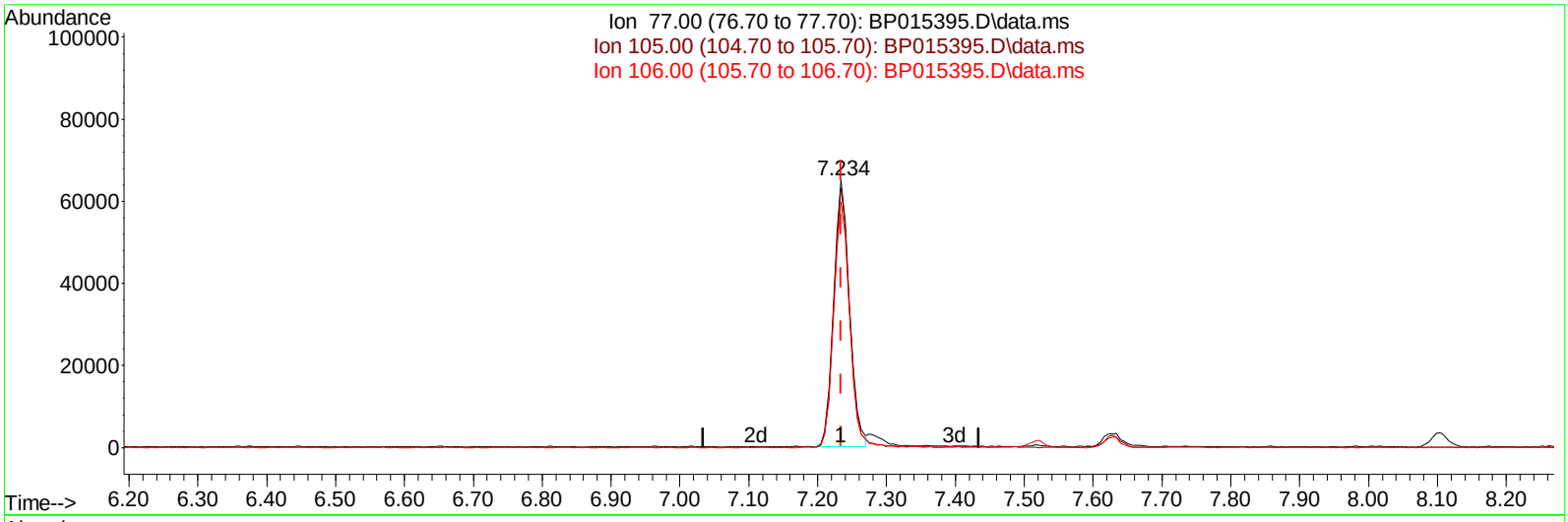
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015395.D
Acq On : 07 Jun 2023 13:05
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

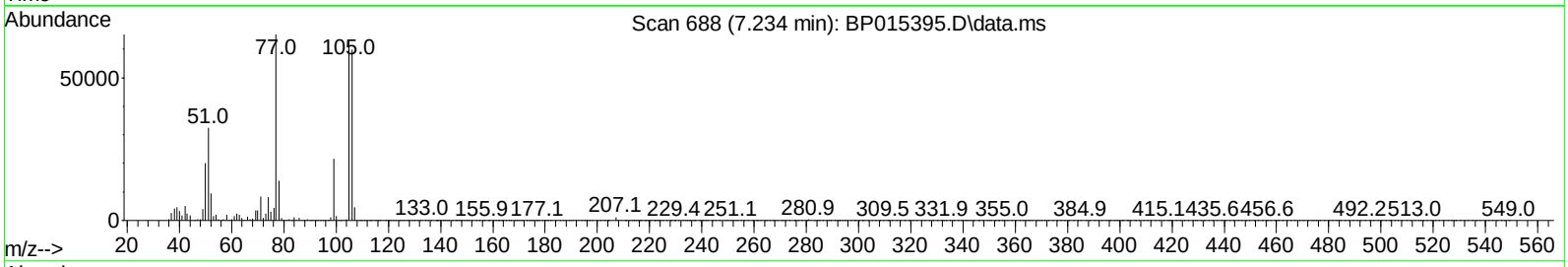
Quant Time: Jun 07 23:47:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration

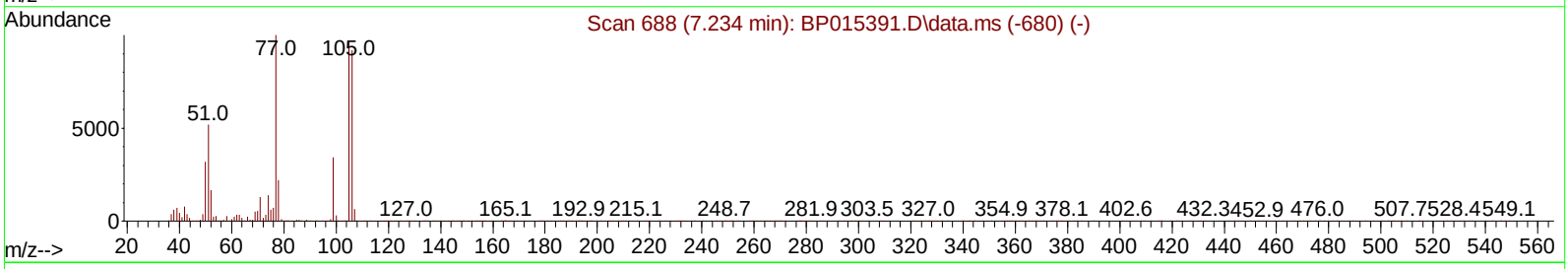
Instrument :
BNA_P
ClientSampleId :
SICV631

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023







TIC: BP015395.D\data.ms

(6) Benzaldehyde

7.234min (-0.000) 19.55 ng/ul

response 102883

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	96.98
106.00	91.60	91.86
0.00	0.00	0.00

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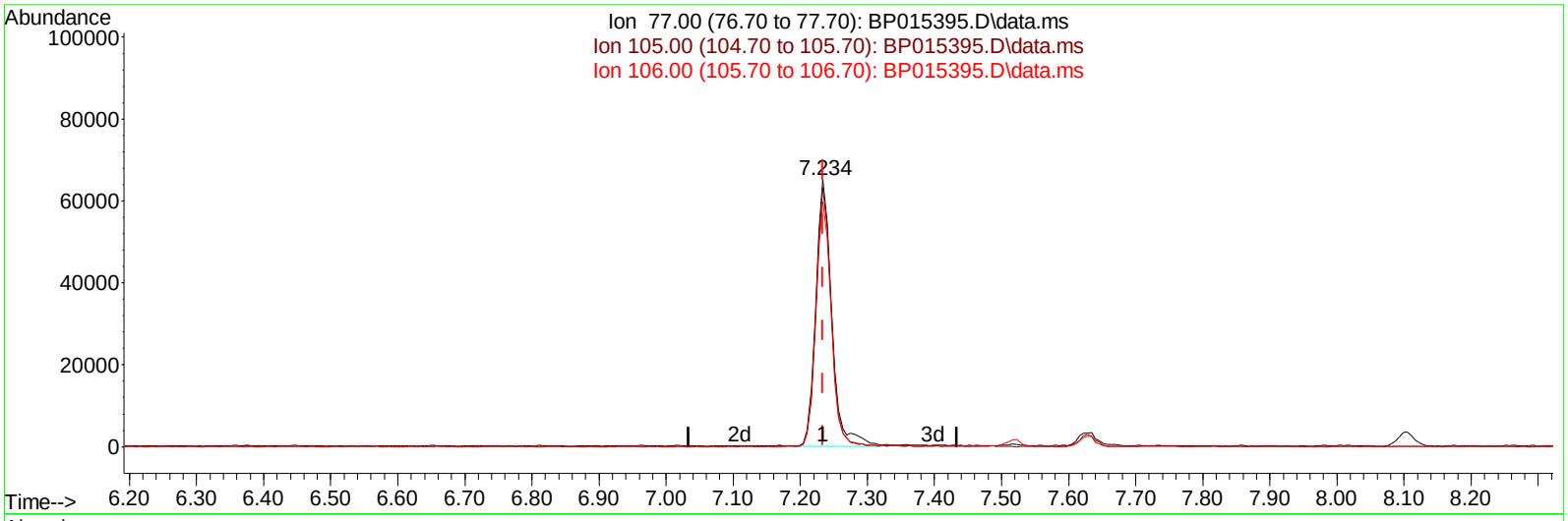

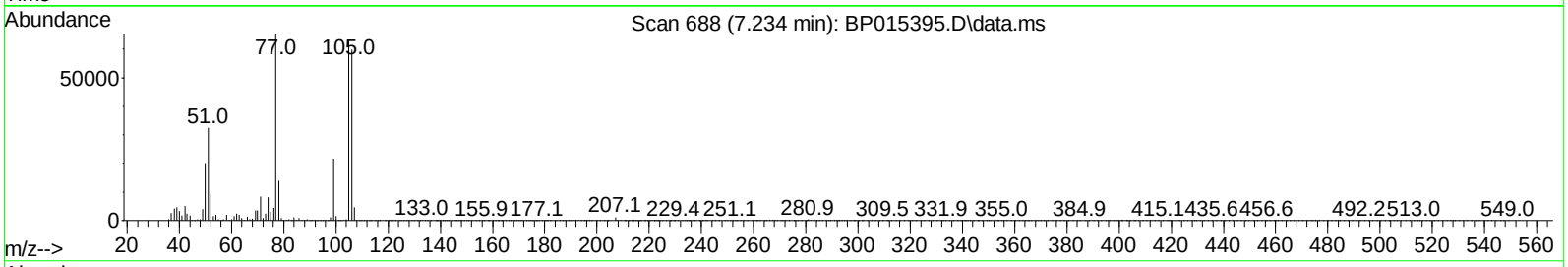

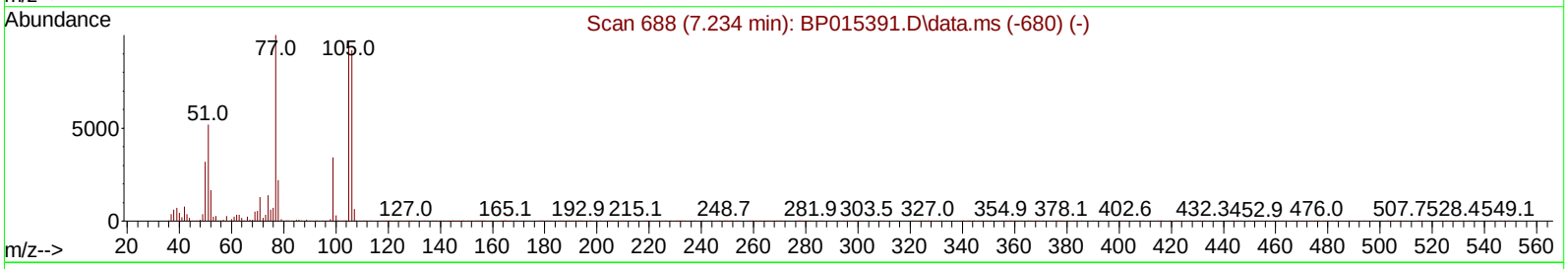

TIC: BP015395.D\data.ms

(6) Benzaldehyde

7.234min (-0.000) 20.57 ng/ul m

response 108259

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	96.98
106.00	91.60	91.86
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	8.104	152	149436	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	694204	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.751	164	483883	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	1124336	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1170179	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1410279	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	33270	8.244	ng/uL	0.00
4) Pyridine-d5	3.852	84	218236	20.819	ng/ul	0.00
7) Phenol-d5	7.257	99	290097	21.072	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	178148	21.667	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	215623	21.602	ng/ul	0.00
15) 4-Methylphenol-d8	8.816	113	242310	21.446	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	117718	21.599	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	136295	21.898	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	242573	21.365	ng/ul	0.00
31) 4-Chloroaniline-d4	11.075	131	352648	21.639	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	812736	21.300	ng/ul	0.00
49) Acenaphthylene-d8	14.445	160	893658	21.419	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	142802	20.899	ng/ul	0.00
60) Fluorene-d10	15.739	176	687124	21.355	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	146512	20.570	ng/ul	0.00
73) Anthracene-d10	17.610	188	1118055	21.856	ng/ul	0.01
81) Pyrene-d10	19.827	212	1325028	21.157	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1489926	21.055	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	35718	8.379	ng/uL	91
5) Pyridine	3.875	79	227265	20.913	ng/ul	98
6) Benzaldehyde	7.234	77	108259m	20.573	ng/ul	
8) Phenol	7.281	94	300233	21.139	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.516	93	241894	21.541	ng/ul	99
12) 2-Chlorophenol	7.657	128	229643	21.776	ng/ul	99
13) 2-Methylphenol	8.552	108	232028	21.233	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.634	45	325189	21.852	ng/ul	100
16) Acetophenone	8.940	105	405323	22.478	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.916	70	216233	22.218	ng/ul	99
18) 4-Methylphenol	8.881	108	262785	21.856	ng/ul	97
19) Hexachloroethane	9.193	117	96359	21.622	ng/ul	98
22) Nitrobenzene	9.322	77	310396	21.475	ng/ul	99
23) Isophorone	9.851	82	625475	21.618	ng/ul	100
25) 2-Nitrophenol	10.040	139	147657	21.973	ng/ul	97
26) 2,4-Dimethylphenol	10.093	107	307450	21.574	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.334	93	357094	21.228	ng/ul	100
29) 2,4-Dichlorophenol	10.575	162	245479	21.746	ng/ul	97
30) Naphthalene	10.981	128	810325	21.541	ng/ul	100
32) 4-Chloroaniline	11.098	127	376420	22.323	ng/ul	97
33) Hexachlorobutadiene	11.263	225	162349	21.325	ng/ul	95
34) Caprolactam	11.869	113	92023	21.655	ng/ul	93
35) 4-Chloro-3-methylphenol	12.210	107	297248	21.733	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.581	142	567750	21.469	ng/ul	100
37) 1-Methylnaphthalene	12.798	142	570953	21.443	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.945	216	319921	21.232	ng/ul	100
40) Hexachlorocyclopentadiene	12.922	237	113769	18.420	ng/ul	98
41) 2,4,6-Trichlorophenol	13.187	196	215728	21.511	ng/ul	98
42) 2,4,5-Trichlorophenol	13.263	196	233962	21.409	ng/ul	96
43) 1,1'-Biphenyl	13.581	154	796964	21.298	ng/ul	100
44) 2-Chloronaphthalene	13.628	162	627275	21.365	ng/ul	99
45) 2-Nitroaniline	13.834	65	207020	22.032	ng/ul	98
47) Dimethylphthalate	14.198	163	846751	21.493	ng/ul	99
48) 2,6-Dinitrotoluene	14.328	165	176750	21.898	ng/ul	99
50) Acenaphthylene	14.475	152	993930	21.512	ng/ul	99
51) 3-Nitroaniline	14.657	138	136015	20.413	ng/ul	97
52) Acenaphthene	14.810	153	683181	21.390	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	92452	19.041	ng/ul	97
55) 4-Nitrophenol	14.963	109	137145	20.808	ng/ul	96
56) Dibenzofuran	15.145	168	967322	21.369	ng/ul	99
57) 2,4-Dinitrotoluene	15.116	165	262598	22.120	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.375	232	215011	21.790	ng/ul	96
59) Diethylphthalate	15.557	149	858972	21.274	ng/ul	100
61) Fluorene	15.798	166	797548	21.613	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.786	204	398848	21.446	ng/ul	98
63) 4-Nitroaniline	15.822	138	131776	20.850	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.881	198	154323	21.243	ng/ul	95
67) N-Nitrosodiphenylamine	16.004	169	684688	21.465	ng/ul	99
68) 4-Bromophenyl-phenylether	16.686	248	258120	21.459	ng/ul	99
69) Hexachlorobenzene	16.804	284	304351	21.450	ng/ul	97
70) Atrazine	16.957	200	276487	21.706	ng/ul	98
71) Pentachlorophenol	17.151	266	157478	19.637	ng/ul	98
72) Phenanthrene	17.551	178	1306952	21.661	ng/ul	99
74) Anthracene	17.639	178	1332587	21.767	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.551	216	333042	21.462	ng/uL	99
76) Pentachlorobenzene	15.069	250	344835	21.225	ng/uL	97
77) Carbazole	17.910	167	1217729	22.091	ng/ul	99
78) Di-n-butylphthalate	18.439	149	1525754	21.816	ng/ul	99
80) Fluoranthene	19.504	202	1629021	21.353	ng/ul	99
82) Pyrene	19.857	202	1688706	21.396	ng/ul	99
83) Butylbenzylphthalate	20.710	149	757148	21.704	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	590874	21.373	ng/ul	100
85) Benzo(a)anthracene	21.568	228	1742190	21.297	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1125046	21.819	ng/ul	100
87) Chrysene	21.627	228	1667700	21.568	ng/ul	99
89) Di-n-octyl phthalate	22.439	149	1977629	21.337	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	1939028	21.300	ng/ul	100
91) Benzo(k)fluoranthene	23.410	252	1793971	20.386	ng/ul	99
93) Benzo(a)pyrene	24.039	252	1663363	20.958	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.856	276	2128487	20.722	ng/ul	100
95) Dibenzo(a,h)anthracene	26.874	278	1734311	20.725	ng/ul	100
96) Benzo(g,h,i)perylene	27.698	276	1738576	20.539	ng/ul	99

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

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