Quantitation Report (Qedit)

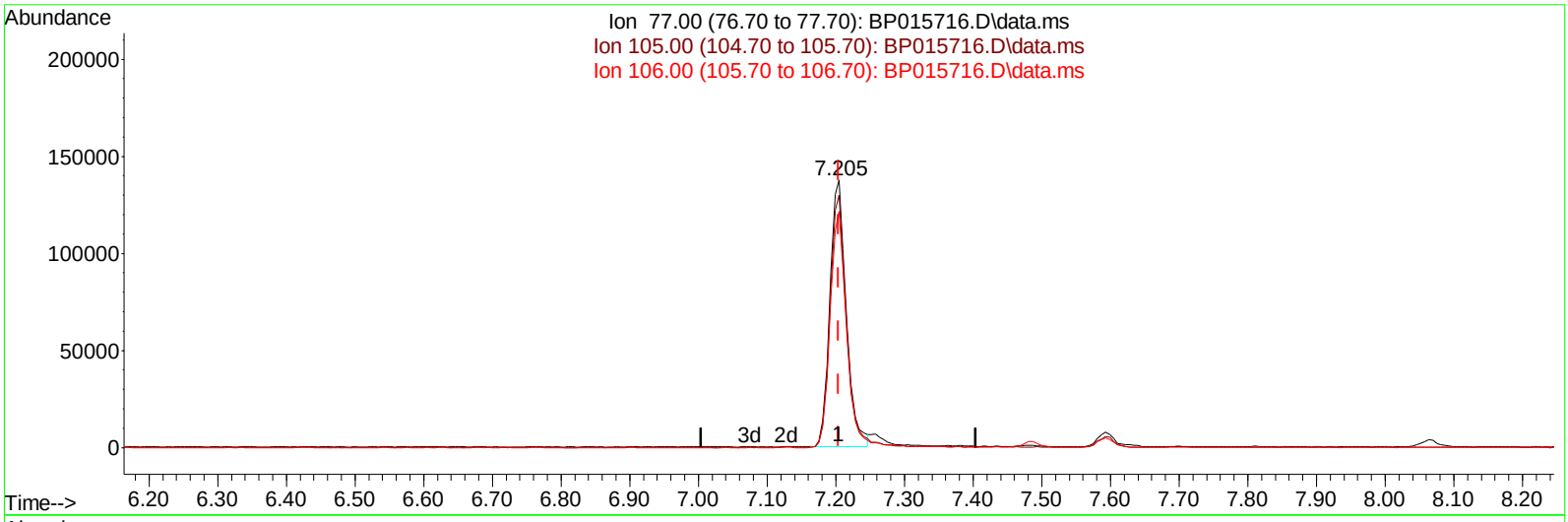
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015716.D
Acq On : 26 Jun 2023 16:11
Operator : MA/JU
Sample : SSTD04092
Misc :
ALS Vial : 6 Sample Multiplier: 1

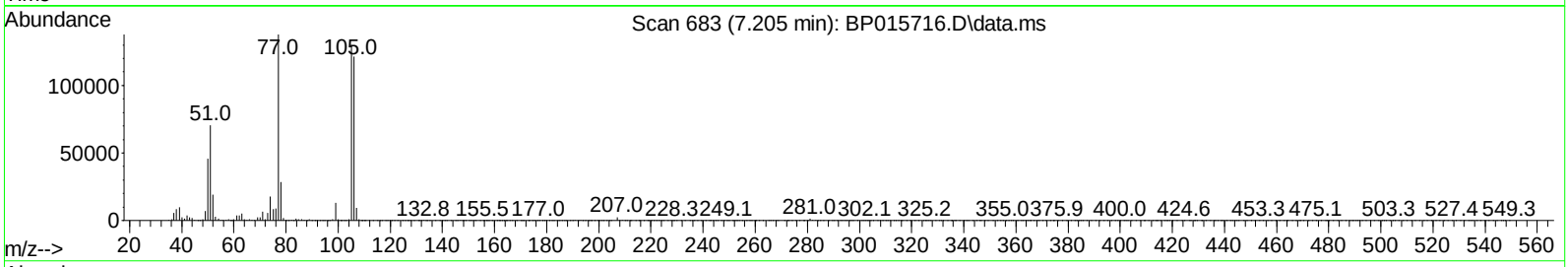
Quant Time: Jun 27 00:01:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 23:54:28 2023
Response via : Initial Calibration

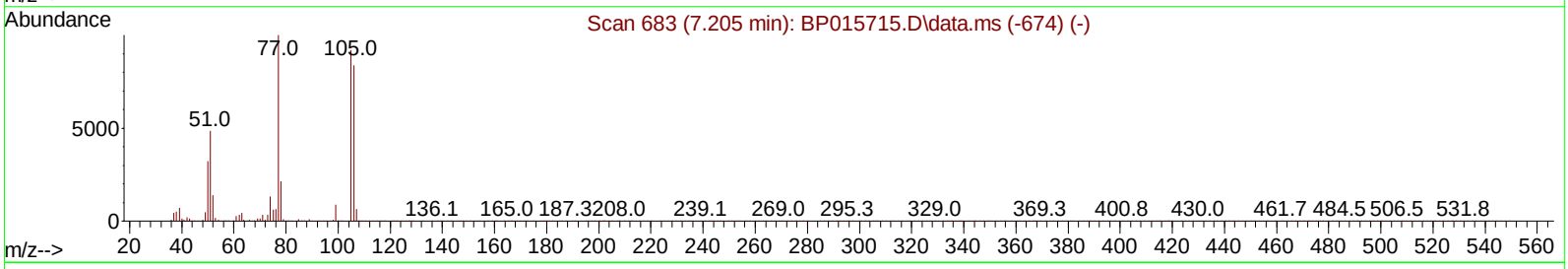
Instrument :
BNA_P
ClientSampleId :
SSTD040635

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023







TIC: BP015716.D\data.ms

(6) Benzaldehyde

7.205min (+ 0.000) 47.54 ng/ul

response 228377

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	94.51
106.00	83.30	88.25
0.00	0.00	0.00

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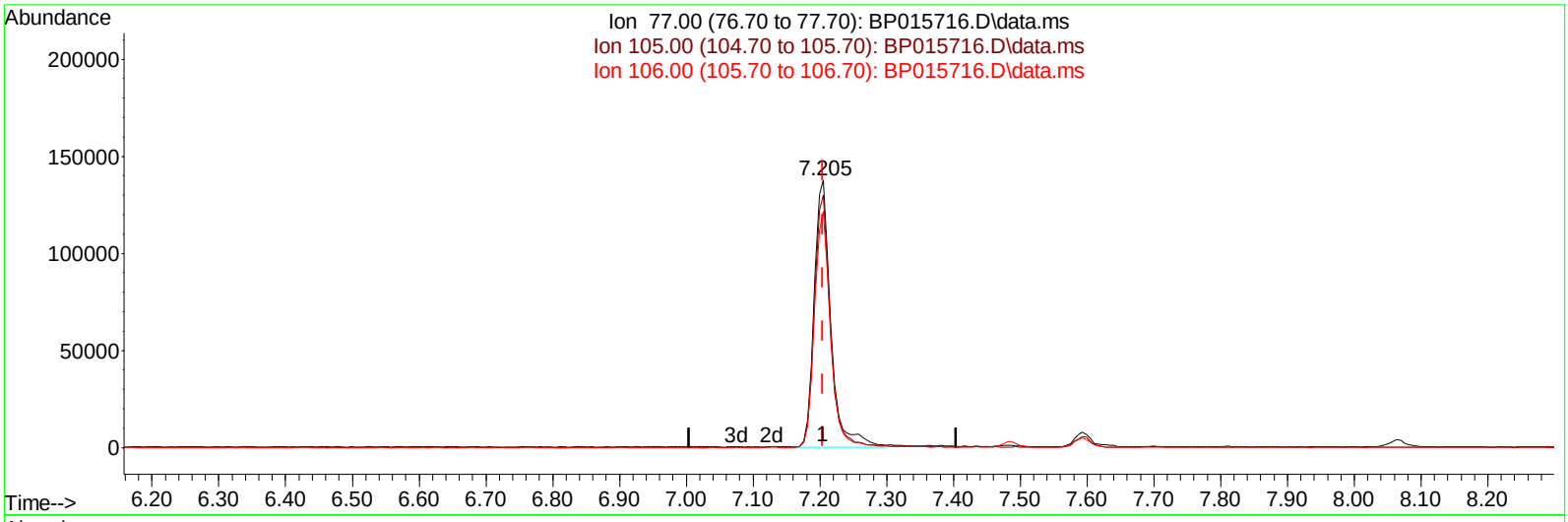

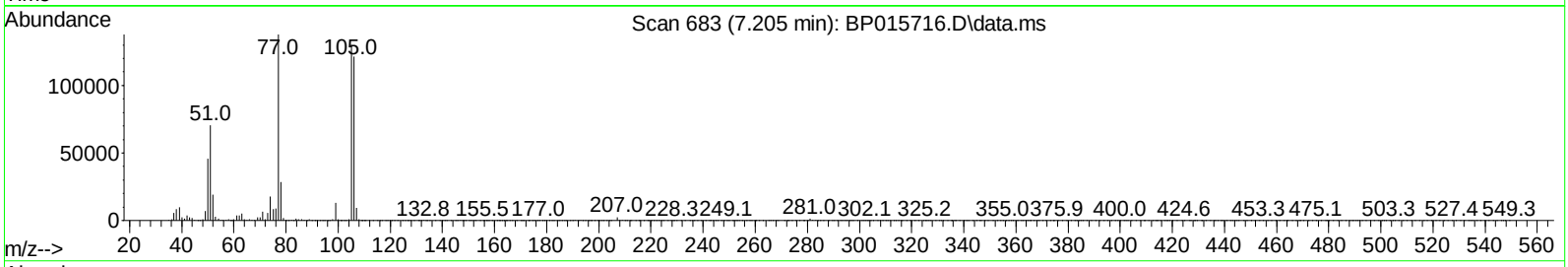

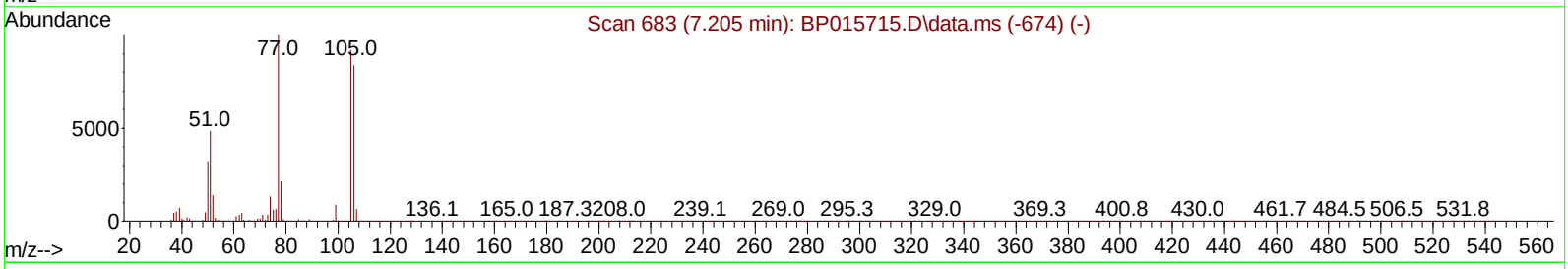

TIC: BP015716.D\data.ms

(6) Benzaldehyde

7.205min (+ 0.000) 50.14 ng/ul m

response 240879

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	94.51
106.00	83.30	88.25
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	8.063	152	143230	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	595492	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	369318	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	774275	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	553329	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	536826	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	62990	15.823	ng/uL	0.00
4) Pyridine-d5	3.828	84	420871	41.939	ng/ul	0.00
7) Phenol-d5	7.228	99	500695	40.856	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	311314	41.060	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	378759	40.943	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	399618	41.277	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	193208	42.454	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	226437	42.631	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	400765	42.341	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	511640	42.080	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	1157386	40.545	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1305855	40.695	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	171264	45.465	ng/ul	0.00
60) Fluorene-d10	15.710	176	948107	40.338	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	199139	42.035	ng/ul	0.00
73) Anthracene-d10	17.575	188	1431186	40.466	ng/ul	0.00
81) Pyrene-d10	19.804	212	1465589	40.563	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1113579	41.122	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.423	88	68730	16.043	ng/uL	98
5) Pyridine	3.846	79	431227	41.076	ng/ul	98
6) Benzaldehyde	7.205	77	240879m	50.142	ng/ul	
8) Phenol	7.258	94	513685	40.393	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.481	93	412095	40.728	ng/ul	98
12) 2-Chlorophenol	7.628	128	399571	40.656	ng/ul	99
13) 2-Methylphenol	8.522	108	394164	41.051	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.599	45	565614	40.927	ng/ul	99
16) Acetophenone	8.905	105	655249	41.173	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.887	70	357500	40.446	ng/ul	98
18) 4-Methylphenol	8.858	108	426626	41.354	ng/ul	100
19) Hexachloroethane	9.146	117	183787	40.488	ng/ul	97
22) Nitrobenzene	9.293	77	535331	41.888	ng/ul	97
23) Isophorone	9.816	82	1005301	41.106	ng/ul	100
25) 2-Nitrophenol	10.005	139	238641	42.334	ng/ul	99
26) 2,4-Dimethylphenol	10.063	107	510296	41.180	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.293	93	574191	41.589	ng/ul	99
29) 2,4-Dichlorophenol	10.546	162	398844	42.385	ng/ul	100
30) Naphthalene	10.940	128	1299098	40.130	ng/ul	99
32) 4-Chloroaniline	11.063	127	533811	42.257	ng/ul	99
33) Hexachlorobutadiene	11.210	225	284334	40.011	ng/ul	97
34) Caprolactam	11.863	113	124817	43.996	ng/ul	96
35) 4-Chloro-3-methylphenol	12.187	107	462139	41.956	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.546	142	868247	40.742	ng/ul	97
37) 1-Methylnaphthalene	12.763	142	872141	40.118	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.910	216	496745	40.816	ng/ul	99
40) Hexachlorocyclopentadiene	12.875	237	150452	41.323	ng/ul	97
41) 2,4,6-Trichlorophenol	13.157	196	324275	42.161	ng/ul	95
42) 2,4,5-Trichlorophenol	13.240	196	350308	43.989	ng/ul	97
43) 1,1'-Biphenyl	13.546	154	1181509	40.390	ng/ul	99
44) 2-Chloronaphthalene	13.593	162	933945	40.528	ng/ul	100
45) 2-Nitroaniline	13.810	65	316020	44.052	ng/ul	95
47) Dimethylphthalate	14.169	163	1209543	40.943	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	256463	42.798	ng/ul	100
50) Acenaphthylene	14.440	152	1441012	40.756	ng/ul	99
51) 3-Nitroaniline	14.640	138	209668	44.618	ng/ul	93
52) Acenaphthene	14.781	153	986451	40.233	ng/ul	98
53) 2,4-Dinitrophenol	14.863	184	142394	45.088	ng/ul	94
55) 4-Nitrophenol	14.957	109	177831	42.528	ng/ul	96
56) Dibenzofuran	15.116	168	1373792	40.363	ng/ul	99
57) 2,4-Dinitrotoluene	15.098	165	353711	43.525	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.345	232	299012	42.671	ng/ul	99
59) Diethylphthalate	15.528	149	1229805	41.137	ng/ul	98
61) Fluorene	15.763	166	1108351	40.147	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	569905	40.344	ng/ul	100
63) 4-Nitroaniline	15.810	138	155721	49.011	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.869	198	204088	42.361	ng/ul	98
67) N-Nitrosodiphenylamine	15.969	169	940901	40.593	ng/ul	98
68) 4-Bromophenyl-phenylether	16.651	248	363173	41.075	ng/ul	95
69) Hexachlorobenzene	16.775	284	418231	40.089	ng/ul	99
70) Atrazine	16.928	200	369066	41.596	ng/ul	99
71) Pentachlorophenol	17.128	266	208122	41.855	ng/ul	97
72) Phenanthrene	17.516	178	1678568	39.906	ng/ul	99
74) Anthracene	17.610	178	1703228	40.298	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.516	216	504759	40.063	ng/uL	98
76) Pentachlorobenzene	15.034	250	502653	39.530	ng/uL	97
77) Carbazole	17.887	167	1462220	41.046	ng/ul	100
78) Di-n-butylphthalate	18.404	149	1955945	41.415	ng/ul	99
80) Fluoranthene	19.475	202	1834997	40.865	ng/ul	100
82) Pyrene	19.833	202	1842630	40.227	ng/ul	100
83) Butylbenzylphthalate	20.680	149	773765	41.406	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.475	252	492562	39.379	ng/ul	99
85) Benzo(a)anthracene	21.545	228	1567938	40.282	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	1049785	40.876	ng/ul	98
87) Chrysene	21.604	228	1469588	39.794	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	1642812	41.874	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	1420328	41.177	ng/ul	98
91) Benzo(k)fluoranthene	23.380	252	1428795	40.997	ng/ul	99
93) Benzo(a)pyrene	24.004	252	1228311	40.754	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.815	276	1656303	40.481	ng/ul	98
95) Dibenzo(a,h)anthracene	26.827	278	1361461	40.511	ng/ul	100
96) Benzo(g,h,i)perylene	27.651	276	1369697	40.871	ng/ul	99

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

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