Quantitation Report (Qedit)

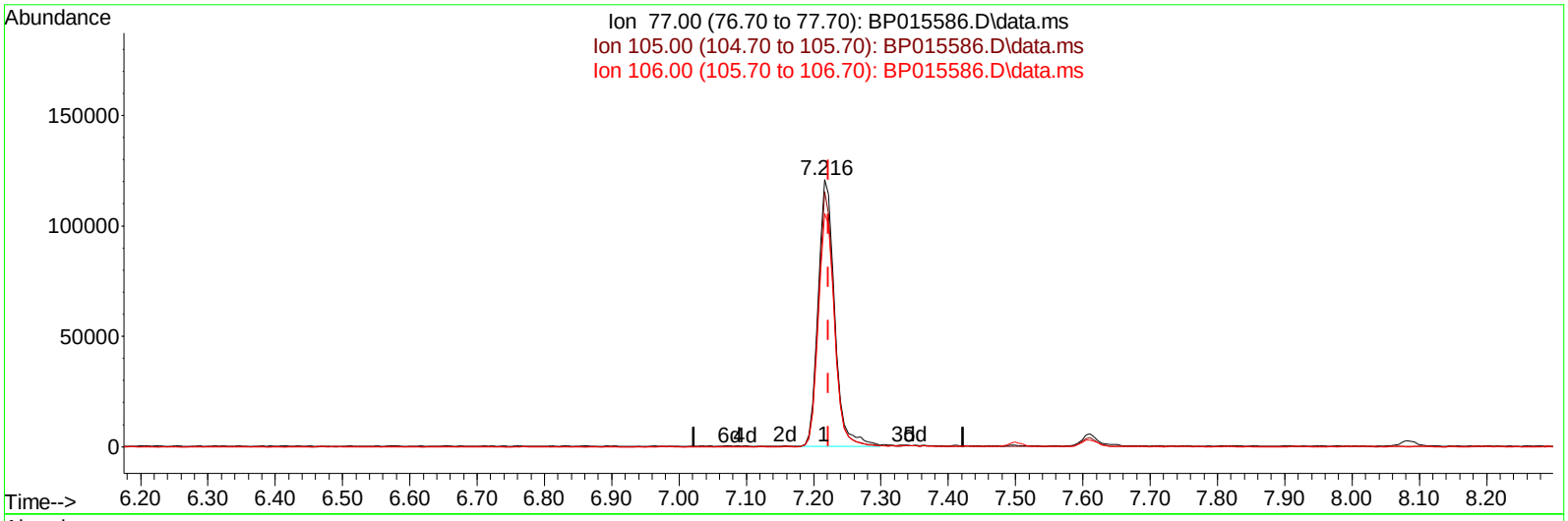
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
Data File : BP015586.D
Acq On : 16 Jun 2023 18:03
Operator : MA/JU
Sample : PB153428BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

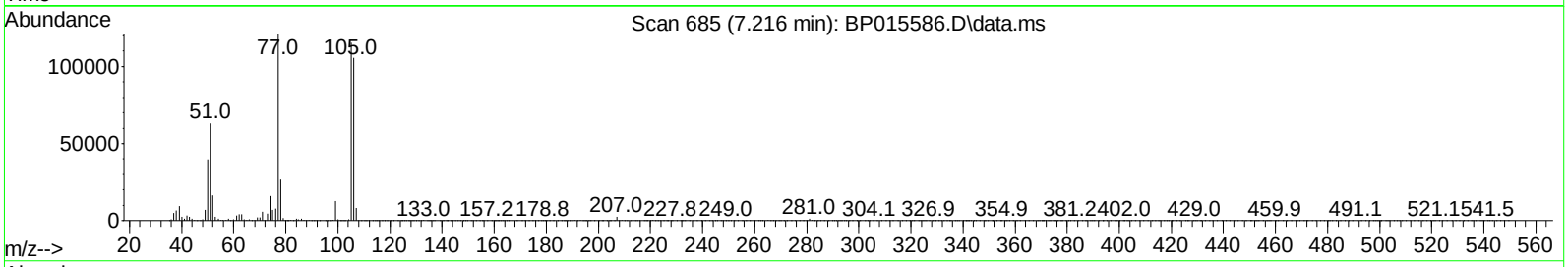
Quant Time: Jun 16 22:07:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

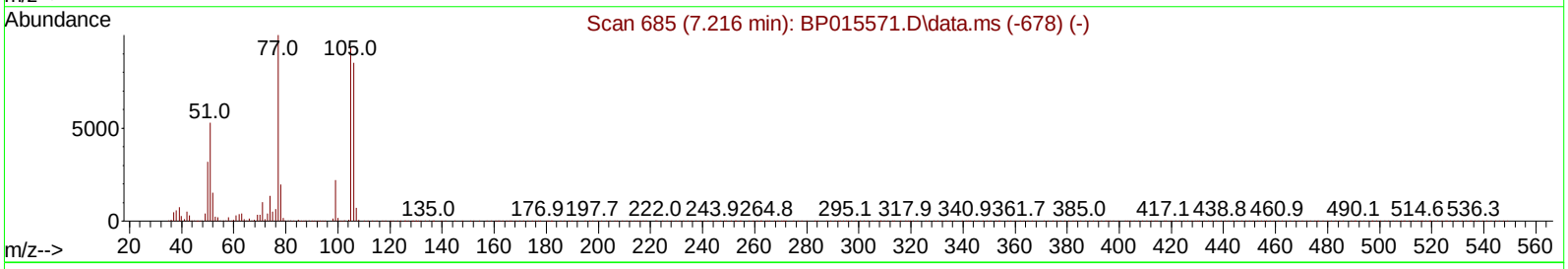
Instrument :
BNA_P
ClientSampleId :
SLCS428

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023







TIC: BP015586.D\data.ms

(6) Benzaldehyde

7.216min (-0.006) 60.11 ng/ul

response 205276

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	95.58
106.00	91.60	87.41
0.00	0.00	0.00

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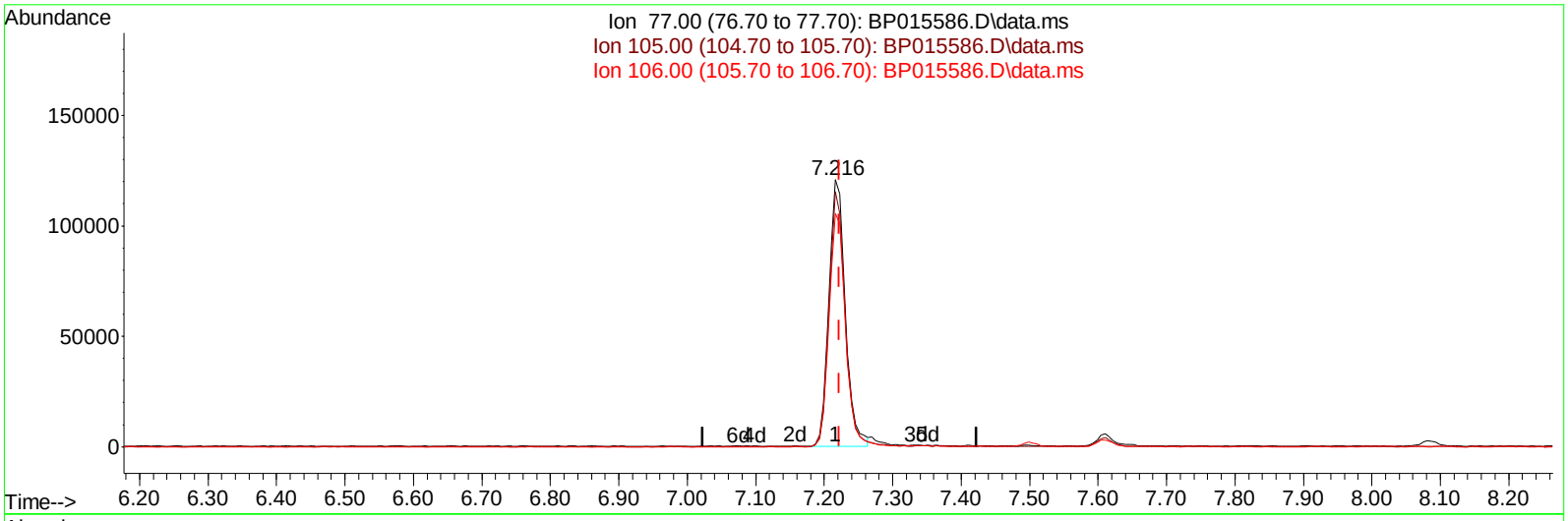

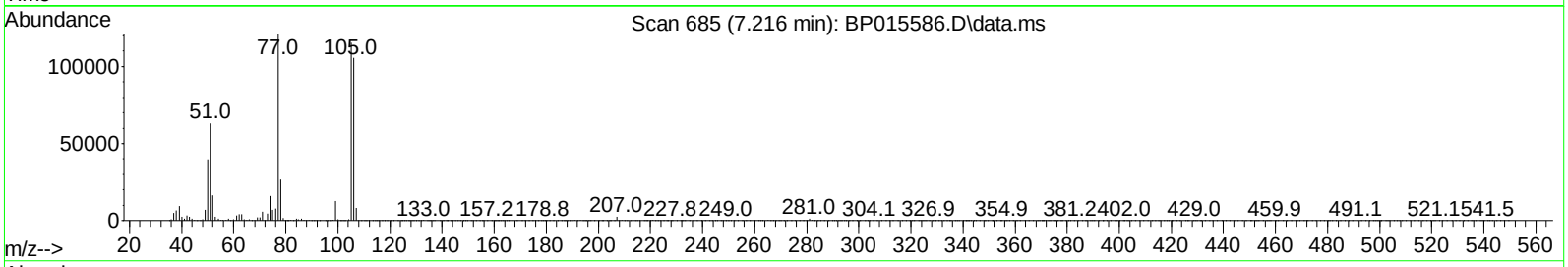

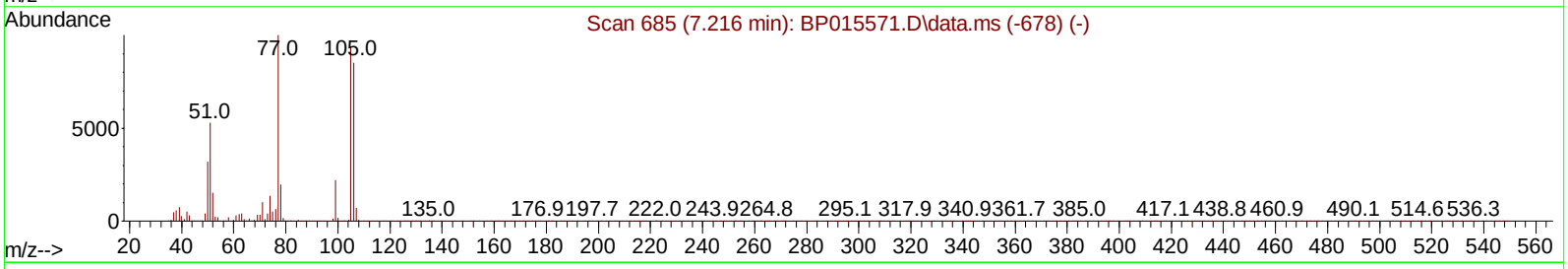

TIC: BP015586.D\data.ms

(6) Benzaldehyde

7.216min (-0.006) 59.03 ng/ul m

response 201605

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	95.58
106.00	91.60	87.41
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	96988	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	451510	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	318416	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	769122	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	795726	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	897186	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	18517	7.070	ng/uL	0.00
4) Pyridine-d5	3.840	84	255128	37.501	ng/ul	0.00
7) Phenol-d5	7.240	99	334358	37.420	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	214090	40.120	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	264454	40.822	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	291694	39.777	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	140445	39.620	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	160257	39.588	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	298070	40.364	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	398160	37.564	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	1033262	41.151	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	1116073	40.650	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	170028	37.814	ng/ul	0.00
60) Fluorene-d10	15.722	176	863037	40.760	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	192678	39.544	ng/ul	0.00
73) Anthracene-d10	17.586	188	1388940	39.691	ng/ul	0.00
81) Pyrene-d10	19.804	212	1753193	41.166	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1883723	41.845	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	37888	13.695	ng/uL	94
5) Pyridine	3.864	79	238561	33.823	ng/ul	97
6) Benzaldehyde	7.216	77	201605m	59.030	ng/ul	
8) Phenol	7.269	94	338211	36.690	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.499	93	260556	35.750	ng/ul	99
12) 2-Chlorophenol	7.640	128	251337	36.721	ng/ul	98
13) 2-Methylphenol	8.534	108	254005	35.813	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.616	45	356318	36.893	ng/ul	99
16) Acetophenone	8.922	105	434857	37.158	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.899	70	236141	37.385	ng/ul	97
18) 4-Methylphenol	8.863	108	286360	36.696	ng/ul	98
19) Hexachloroethane	9.169	117	102696	35.506	ng/ul	98
22) Nitrobenzene	9.304	77	344585	36.655	ng/ul	98
23) Isophorone	9.834	82	678260	36.043	ng/ul	99
25) 2-Nitrophenol	10.022	139	158731	36.317	ng/ul	98
26) 2,4-Dimethylphenol	10.075	107	326002	35.172	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.310	93	391812	35.812	ng/ul	100
29) 2,4-Dichlorophenol	10.557	162	275355	37.503	ng/ul	96
30) Naphthalene	10.963	128	866633	35.421	ng/ul	99
32) 4-Chloroaniline	11.075	127	349679	31.883	ng/ul	98
33) Hexachlorobutadiene	11.234	225	181609	36.677	ng/ul	98
34) Caprolactam	11.863	113	100651	36.417	ng/ul	93
35) 4-Chloro-3-methylphenol	12.193	107	340650	38.293	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.563	142	619836	36.037	ng/ul	98
37) 1-Methylnaphthalene	12.781	142	638006	36.841	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.928	216	359334	36.240	ng/ul	99
40) Hexachlorocyclopentadiene	12.898	237	138760	34.141	ng/ul	97
41) 2,4,6-Trichlorophenol	13.169	196	246289	37.321	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	271950	37.817	ng/ul	98
43) 1,1'-Biphenyl	13.563	154	882986	35.858	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	691342	35.784	ng/ul	100
45) 2-Nitroaniline	13.816	65	245979	39.782	ng/ul	92
47) Dimethylphthalate	14.181	163	956117	36.880	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	202385	38.104	ng/ul	99
50) Acenaphthylene	14.451	152	1095680	36.037	ng/ul	99
51) 3-Nitroaniline	14.639	138	190393	43.423	ng/ul	96
52) Acenaphthene	14.792	153	760172	36.169	ng/ul	98
53) 2,4-Dinitrophenol	14.857	184	108094	33.831	ng/ul	97
55) 4-Nitrophenol	14.951	109	155556	35.866	ng/ul	88
56) Dibenzofuran	15.128	168	1090265	36.601	ng/ul	99
57) 2,4-Dinitrotoluene	15.098	165	300935	38.522	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.351	232	248853	38.326	ng/ul	98
59) Diethylphthalate	15.539	149	1005690	37.850	ng/ul	99
61) Fluorene	15.775	166	904530	37.249	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.763	204	452663	36.987	ng/ul	98
63) 4-Nitroaniline	15.804	138	198954	47.837	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.863	198	181048	36.433	ng/ul	92
67) N-Nitrosodiphenylamine	15.981	169	776808	35.601	ng/ul	100
68) 4-Bromophenyl-phenylether	16.663	248	299646	36.416	ng/ul	98
69) Hexachlorobenzene	16.781	284	356964	36.777	ng/ul	94
70) Atrazine	16.933	200	280967	32.246	ng/ul	99
71) Pentachlorophenol	17.133	266	211251	38.507	ng/ul	99
72) Phenanthrene	17.528	178	1527198	37.001	ng/ul	99
74) Anthracene	17.622	178	1512977	36.128	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.534	216	358552	33.778	ng/uL	99
76) Pentachlorobenzene	15.045	250	391266	35.205	ng/uL	99
77) Carbazole	17.886	167	1424364	37.774	ng/ul	100
78) Di-n-butylphthalate	18.416	149	1854289	38.758	ng/ul	99
80) Fluoranthene	19.480	202	1934119	37.283	ng/ul	99
82) Pyrene	19.833	202	1999698	37.259	ng/ul	99
83) Butylbenzylphthalate	20.686	149	927354	39.093	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.474	252	700557	37.265	ng/ul	99
85) Benzo(a)anthracene	21.551	228	2071445	37.238	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1394149	39.761	ng/ul	99
87) Chrysene	21.604	228	1938803	36.873	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	2458390	41.692	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	2149379	37.114	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	2151320	38.428	ng/ul	99
93) Benzo(a)pyrene	23.998	252	1860588	36.849	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.804	276	2380788	36.434	ng/ul	100
95) Dibenzo(a,h)anthracene	26.821	278	1941934	36.477	ng/ul	99
96) Benzo(g,h,i)perylene	27.639	276	1957255	36.346	ng/ul	99

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

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