Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
Data File : BP014003.D
Acq On : 09 Mar 2023 10:57
Operator : CG/JU
Sample : 01713-11MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 10 00:16:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 09 01:10:12 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DBZZ0MS

Manual IntegrationsAPPROVED

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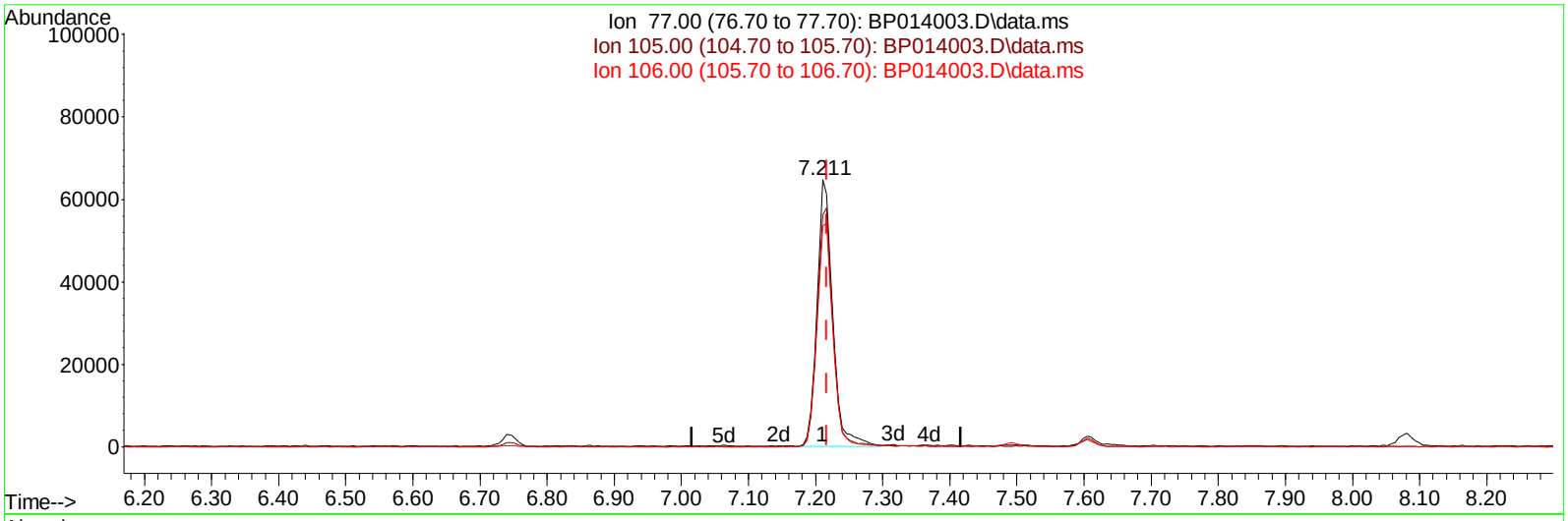
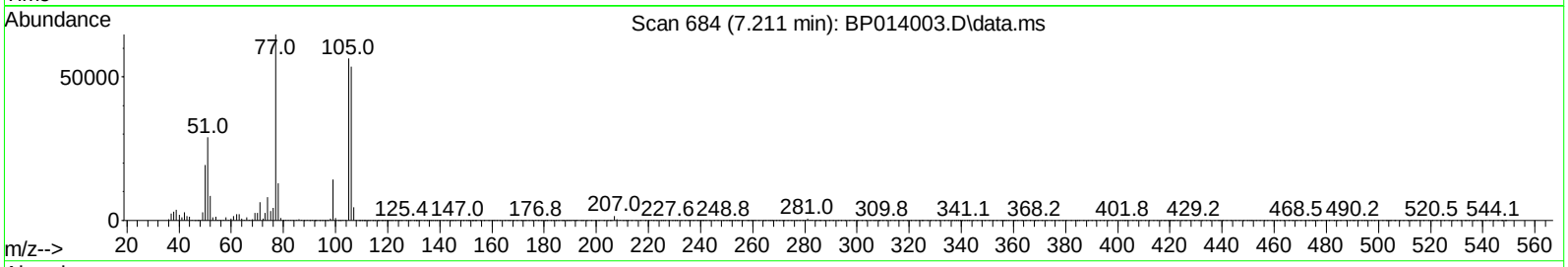
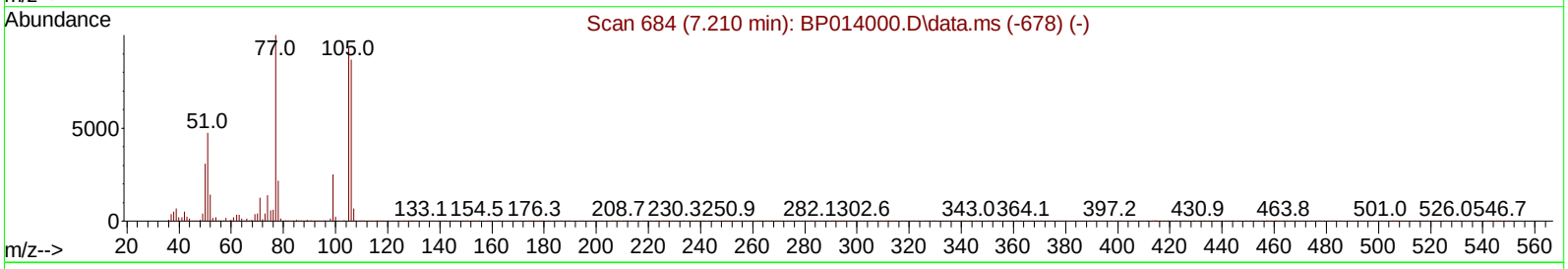
Supervised By :Jagrut Upadhyay 03/10/2023







TIC: BP014003.D\data.ms

(6) Benzaldehyde

7.211min (-0.006) 19.36 ng/ul

response 105179

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	87.00
106.00	87.30	82.65
0.00	0.00	0.00

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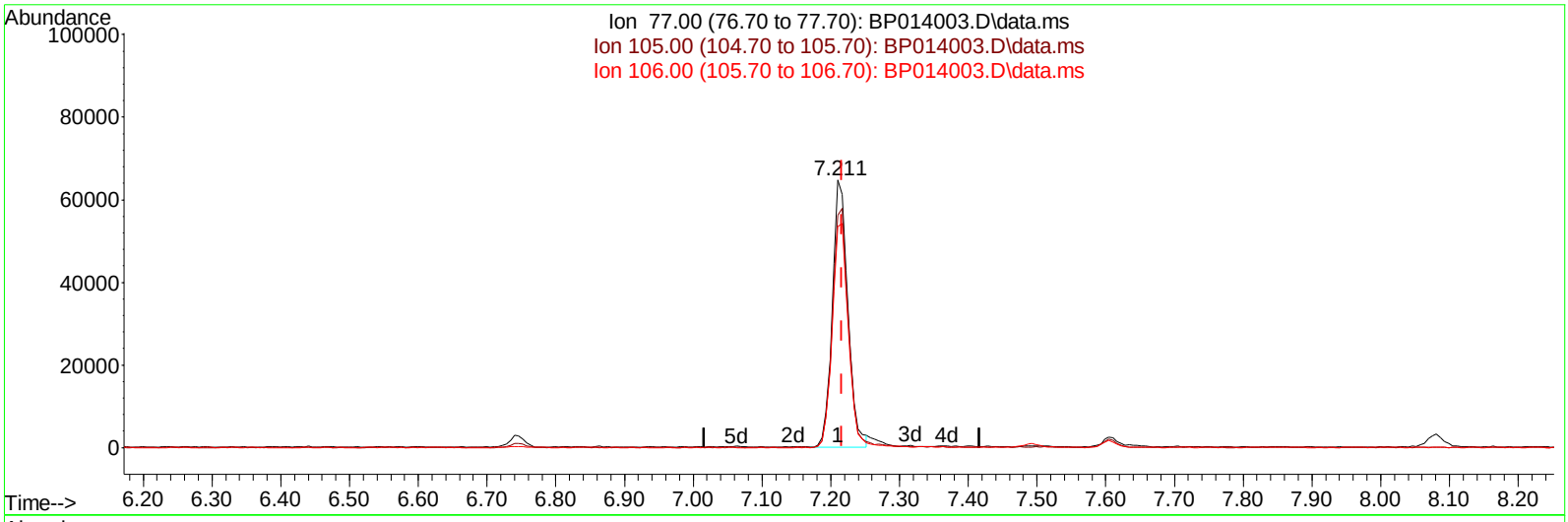

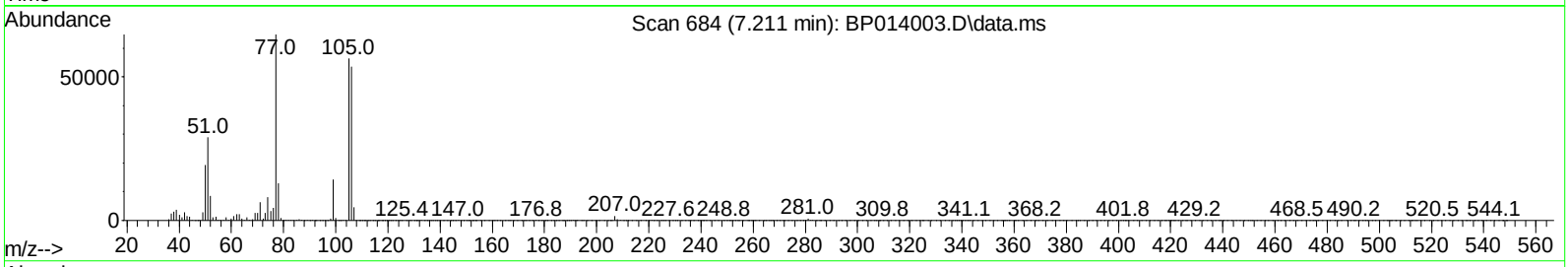

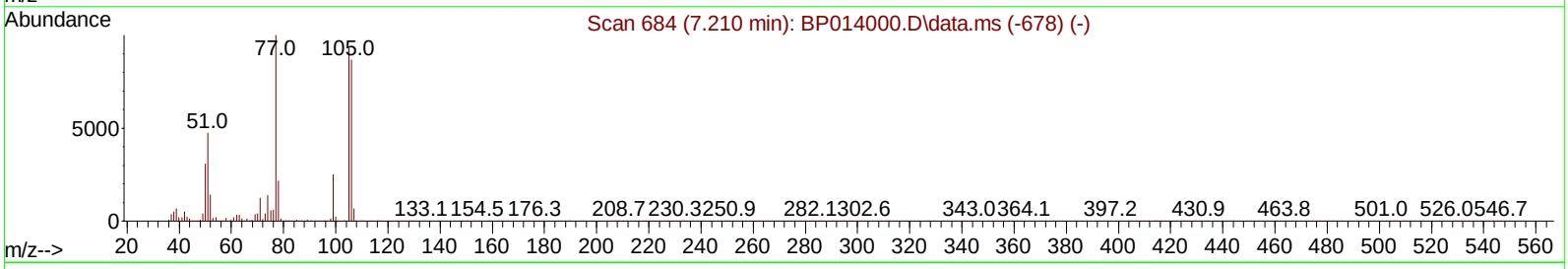

TIC: BP014003.D\data.ms

(6) Benzaldehyde

7.211min (-0.006) 18.87 ng/ul m

response 102526

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	87.00
106.00	87.30	82.65
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	8.081	152	123739	20.000	ng/ul	0.00
20) Naphthalene-d8	10.905	136	524556	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	364753	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	879099	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	964416	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	980947	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	7870	2.403	ng/uL	0.00
4) Pyridine-d5	3.887	84	14541	1.604	ng/ul	0.02
7) Phenol-d5	7.228	99	142381	13.039	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	87765	13.781	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	110915	13.332	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	108014	12.110	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	55134	13.173	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	65860	13.145	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	129945	13.784	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	136927	10.976	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	448174	14.478	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	459430	14.010	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	74732	13.699	ng/ul	0.00
60) Fluorene-d10	15.710	176	379821	14.478	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	89522	13.474	ng/ul	0.00
73) Anthracene-d10	17.569	188	617637	14.473	ng/ul	0.00
81) Pyrene-d10	19.792	212	863801	16.240	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	829968	15.906	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	18448	5.218	ng/uL	90
5) Pyridine	3.905	79	25005	2.719	ng/ul	97
6) Benzaldehyde	7.211	77	102526m	18.870	ng/ul	
8) Phenol	7.258	94	174170	15.467	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.493	93	133759	15.504	ng/ul	98
12) 2-Chlorophenol	7.640	128	127340	15.192	ng/ul	98
13) 2-Methylphenol	8.522	108	114822	13.712	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.611	45	152791	16.399	ng/ul	98
16) Acetophenone	8.910	105	246406	17.100	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.887	70	117473	15.936	ng/ul	98
18) 4-Methylphenol	8.852	108	134003	14.549	ng/ul	98
19) Hexachloroethane	9.169	117	54643	14.884	ng/ul	95
22) Nitrobenzene	9.293	77	173627	15.508	ng/ul	98
23) Isophorone	9.822	82	324904	15.069	ng/ul	99
25) 2-Nitrophenol	10.010	139	77043	14.920	ng/ul	96
26) 2,4-Dimethylphenol	10.063	107	63128	5.585	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.305	93	191108	15.324	ng/ul	98
29) 2,4-Dichlorophenol	10.546	162	139229	14.972	ng/ul	99
30) Naphthalene	10.952	128	438110	15.210	ng/ul	100
32) 4-Chloroaniline	11.063	127	149894	11.940	ng/ul	98
33) Hexachlorobutadiene	11.234	225	106328	14.369	ng/ul	96
34) Caprolactam	11.846	113	47363	15.686	ng/ul	98
35) 4-Chloro-3-methylphenol	12.175	107	167060	15.536	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.551	142	307873	15.238	ng/ul	100
37) 1-Methylnaphthalene	12.769	142	316634	15.592	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.916	216	203550	15.432	ng/ul	99
40) Hexachlorocyclopentadiene	12.893	237	62472	6.614	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	130810	15.787	ng/ul	96
42) 2,4,5-Trichlorophenol	13.228	196	148943	16.379	ng/ul	96
43) 1,1'-Biphenyl	13.551	154	441640	15.727	ng/ul	100
44) 2-Chloronaphthalene	13.598	162	354136	15.878	ng/ul	97
45) 2-Nitroaniline	13.804	65	108823	16.497	ng/ul	97
47) Dimethylphthalate	14.169	163	490639	16.013	ng/ul	100
48) 2,6-Dinitrotoluene	14.293	165	98182	16.208	ng/ul	97
50) Acenaphthylene	14.440	152	537206	15.610	ng/ul	99
51) 3-Nitroaniline	14.622	138	86762	16.176	ng/ul	93
52) Acenaphthene	14.781	153	383641	15.946	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	63262	13.984	ng/ul	99
55) 4-Nitrophenol	14.922	109	97900	16.614	ng/ul	98
56) Dibenzofuran	15.116	168	555300	15.866	ng/ul	100
57) 2,4-Dinitrotoluene	15.075	165	151677	16.758	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.340	232	144517	16.612	ng/ul	100
59) Diethylphthalate	15.528	149	522074	16.799	ng/ul	99
61) Fluorene	15.763	166	467671	16.120	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	259047	16.177	ng/ul	99
63) 4-Nitroaniline	15.787	138	91868	16.663	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.840	198	101380	15.993	ng/ul	96
67) N-Nitrosodiphenylamine	15.969	169	411822	16.587	ng/ul	98
68) 4-Bromophenyl-phenylether	16.651	248	175421	16.506	ng/ul	98
69) Hexachlorobenzene	16.769	284	208044	16.612	ng/ul	94
70) Atrazine	16.922	200	177159	16.544	ng/ul	99
71) Pentachlorophenol	17.116	266	113619	13.880	ng/ul	97
72) Phenanthrene	17.516	178	834672	17.408	ng/ul	99
74) Anthracene	17.604	178	778445	16.012	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.522	216	209987	15.564	ng/uL	99
76) Pentachlorobenzene	15.034	250	223059	15.916	ng/uL	99
77) Carbazole	17.875	167	741977	17.302	ng/ul	99
78) Di-n-butylphthalate	18.404	149	959957	17.912	ng/ul	100
80) Fluoranthene	19.469	202	1117352	18.430	ng/ul	100
82) Pyrene	19.822	202	1167841	18.465	ng/ul	99
83) Butylbenzylphthalate	20.675	149	461398	18.093	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	286840	11.618	ng/ul	100
85) Benzo(a)anthracene	21.533	228	1237223	18.239	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	707363	18.553	ng/ul	99
87) Chrysene	21.586	228	1173122	18.147	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	1198063	19.356	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1215059	18.589	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	1223560	19.631	ng/ul	99
93) Benzo(a)pyrene	23.974	252	1015138	17.855	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.757	276	1152257	15.310	ng/ul	99
95) Dibenzo(a,h)anthracene	26.774	278	954525	15.259	ng/ul	98
96) Benzo(g,h,i)perylene	27.574	276	816770	13.577	ng/ul	100

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

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