Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
Data File : BM043544.D
Acq On : 22 Dec 2023 17:48
Operator : MA/JU
Sample : PB157967BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 23 01:07:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 21:59:32 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS967

Manual IntegrationsAPPROVED

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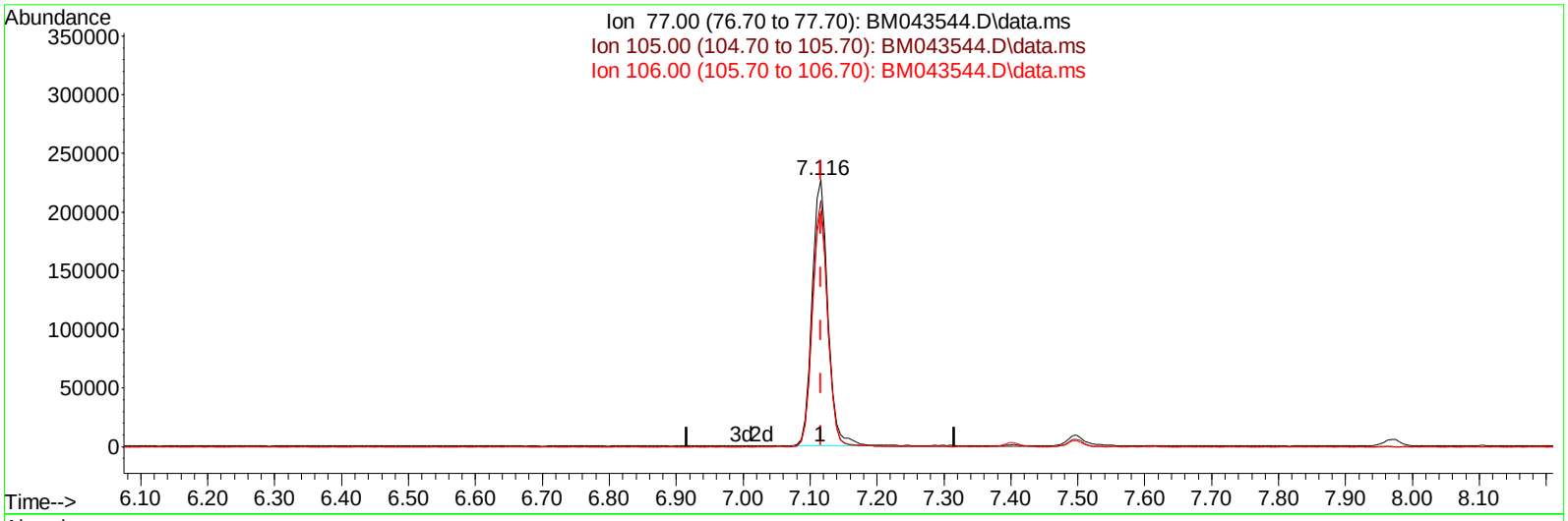
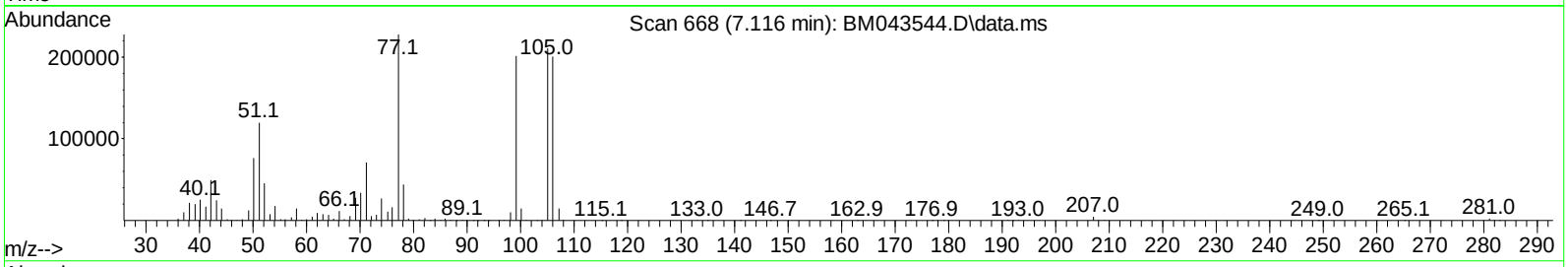
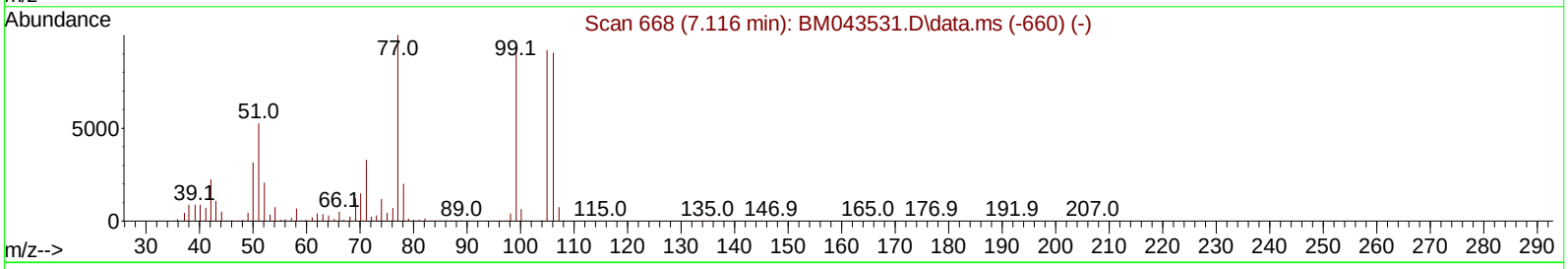
Supervised By :mohammad ahmed 12/25/2023







TIC: BM043544.D\data.ms

(6) Benzaldehyde

7.116min (-0.000) 30.02 ng/ul

response 373830

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	92.41
106.00	89.20	88.19
0.00	0.00	0.00

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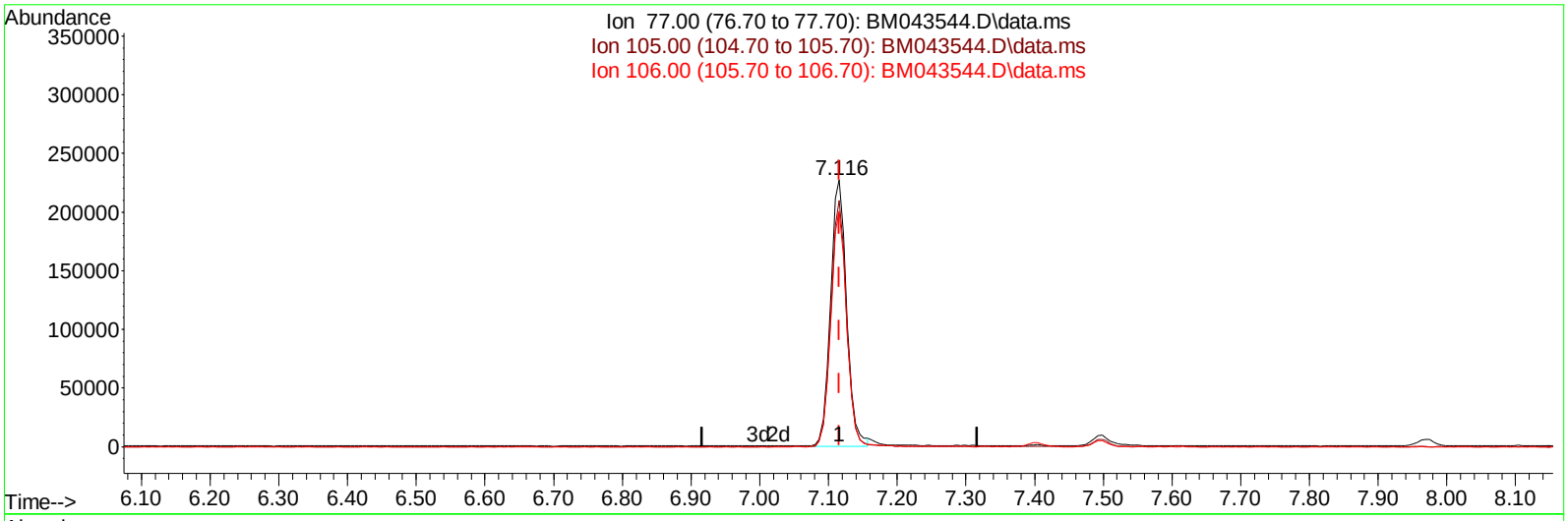

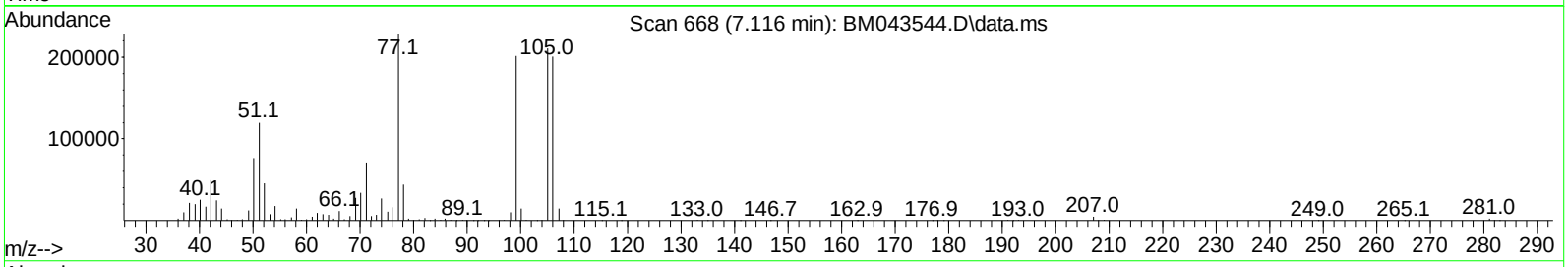

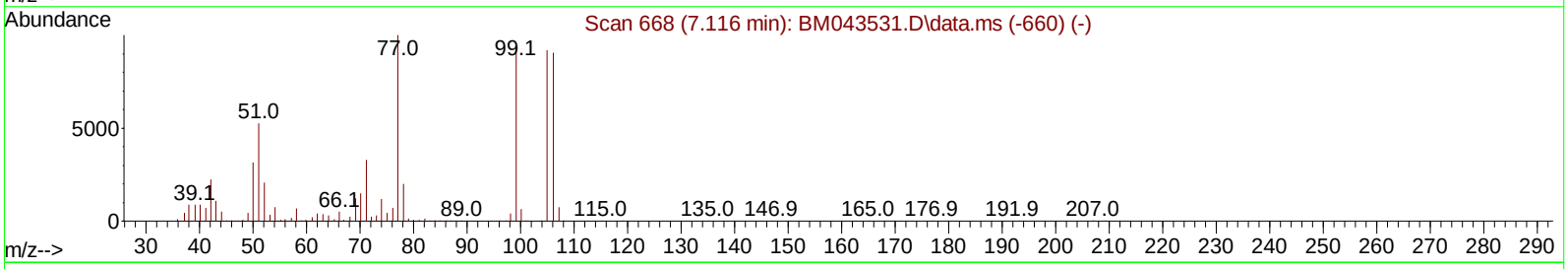

TIC: BM043544.D\data.ms

(6) Benzaldehyde

7.116min (-0.000) 29.64 ng/ul m

response 369190

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	92.41
106.00	89.20	88.19
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	7.969	152	230896	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	1005520	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	542189	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1027046	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	901149	20.000	ng/ul	0.00
88) Perylene-d12	23.944	264	967854	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	38482	5.417	ng/uL	0.00
4) Pyridine-d5	3.793	84	568803	27.818	ng/ul	0.00
7) Phenol-d5	7.128	99	689167	26.238	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	451513	27.142	ng/ul	0.00
11) 2-Chlorophenol-d4	7.498	132	515406	25.700	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	506801	24.865	ng/ul	0.00
21) Nitrobenzene-d5	9.145	128	246882	25.377	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	241829	24.058	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	452385	25.494	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	667194	25.558	ng/ul	0.00
46) Dimethylphthalate-d6	14.021	166	1239560	25.396	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	1545623	26.695	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	262955	28.465	ng/ul	0.00
60) Fluorene-d10	15.598	176	1069691	26.504	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	163300	24.041	ng/ul	0.00
73) Anthracene-d10	17.451	188	1555923	27.013	ng/ul	0.00
81) Pyrene-d10	19.739	212	1616701	22.724	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.785	264	1613459	27.014	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	80728	10.285	ng/uL#	92
5) Pyridine	3.810	79	583419	27.591	ng/ul	97
6) Benzaldehyde	7.116	77	369190m	29.644	ng/ul	
8) Phenol	7.157	94	690886	26.736	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.404	93	560334	26.710	ng/ul	99
12) 2-Chlorophenol	7.528	128	528247	25.857	ng/ul	98
13) 2-Methylphenol	8.416	108	494211	25.187	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.498	45	965155	27.397	ng/ul	98
16) Acetophenone	8.804	105	799635	25.625	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.792	70	447180	24.009	ng/ul	96
18) 4-Methylphenol	8.745	108	535560	25.184	ng/ul	99
19) Hexachloroethane	9.045	117	226393	26.281	ng/ul	100
22) Nitrobenzene	9.186	77	647331	26.886	ng/ul	97
23) Isophorone	9.710	82	1163660	23.826	ng/ul	98
25) 2-Nitrophenol	9.892	139	266250	24.922	ng/ul	96
26) 2,4-Dimethylphenol	9.951	107	487892	25.637	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.198	93	727703	25.234	ng/ul	100
29) 2,4-Dichlorophenol	10.422	162	428368	24.875	ng/ul	98
30) Naphthalene	10.827	128	1649100	25.733	ng/ul	100
32) 4-Chloroaniline	10.945	127	598948	23.860	ng/ul	100
33) Hexachlorobutadiene	11.098	225	214703	24.454	ng/ul	97
34) Caprolactam	11.733	113	146875	26.690	ng/ul	98
35) 4-Chloro-3-methylphenol	12.063	107	495375	24.491	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.433	142	1065489	24.425	ng/ul	98
37) 1-Methylnaphthalene	12.651	142	1043866	23.725	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	403227	24.408	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	221539	21.373	ng/ul	98
41) 2,4,6-Trichlorophenol	13.039	196	283385	24.133	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	313543	25.147	ng/ul	98
43) 1,1'-Biphenyl	13.445	154	1330425	25.742	ng/ul	99
44) 2-Chloronaphthalene	13.486	162	1025876	25.890	ng/ul	100
45) 2-Nitroaniline	13.698	65	361613	27.214	ng/ul	97
47) Dimethylphthalate	14.068	163	1258848	26.116	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	238849	25.630	ng/ul	87
50) Acenaphthylene	14.327	152	1761883	26.499	ng/ul	98
51) 3-Nitroaniline	14.521	138	264218	24.698	ng/ul	97
52) Acenaphthene	14.668	153	1148132	26.201	ng/ul	99
53) 2,4-Dinitrophenol	14.727	184	105361	21.239	ng/ul	90
55) 4-Nitrophenol	14.821	109	214357	29.883	ng/ul	95
56) Dibenzofuran	15.004	168	1467150	25.924	ng/ul	98
57) 2,4-Dinitrotoluene	14.974	165	352336	26.761	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.227	232	232342	24.322	ng/ul	97
59) Diethylphthalate	15.433	149	1320329	26.729	ng/ul	98
61) Fluorene	15.651	166	1284445	26.566	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	535760	25.192	ng/ul	98
63) 4-Nitroaniline	15.680	138	284112	29.015	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.733	198	175549	24.207	ng/ul	95
67) N-Nitrosodiphenylamine	15.862	169	1021226	25.887	ng/ul	100
68) 4-Bromophenyl-phenylether	16.545	248	289952	23.830	ng/ul	96
69) Hexachlorobenzene	16.645	284	349903	25.101	ng/ul	98
70) Atrazine	16.821	200	285227	32.986	ng/ul	99
71) Pentachlorophenol	16.992	266	204218	24.232	ng/ul	98
72) Phenanthrene	17.392	178	1872405	26.899	ng/ul	99
74) Anthracene	17.480	178	1896781	27.000	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	399850	23.706	ng/uL	99
76) Pentachlorobenzene	14.915	250	388885	23.679	ng/uL	97
77) Carbazole	17.756	167	1798051	29.989	ng/ul	99
78) Di-n-butylphthalate	18.327	149	2313755	29.518	ng/ul	100
80) Fluoranthene	19.403	202	1954224	22.181	ng/ul	98
82) Pyrene	19.762	202	2093570	23.114	ng/ul	96
83) Butylbenzylphthalate	20.674	149	1012001	25.843	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.450	252	594197	26.773	ng/ul	99
85) Benzo(a)anthracene	21.515	228	2002943	26.581	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	1598282	28.669	ng/ul	98
87) Chrysene	21.568	228	1835589	27.077	ng/ul	100
89) Di-n-octyl phthalate	22.391	149	2558987	27.639	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1955709	26.368	ng/ul	100
91) Benzo(k)fluoranthene	23.256	252	1960382	27.100	ng/ul	99
93) Benzo(a)pyrene	23.838	252	1863581	27.540	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	2354644	29.142	ng/ul	98
95) Dibenzo(a,h)anthracene	26.479	278	1990990	29.758	ng/ul	99
96) Benzo(g,h,i)perylene	27.226	276	1806342	28.519	ng/ul	99

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

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