Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036699.D
Acq On : 24 Sep 2022 04:56
Operator : CG/JU
Sample : N4649-14MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 24 05:30:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 24 00:41:16 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EXZ32MS

Manual IntegrationsAPPROVED

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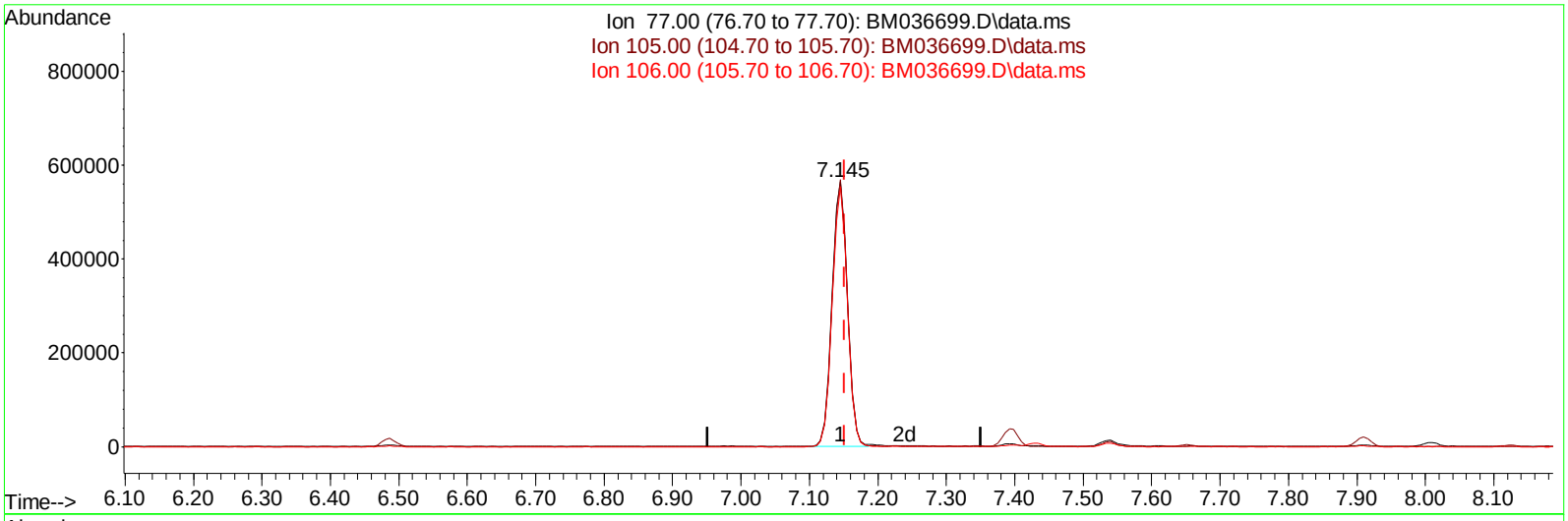
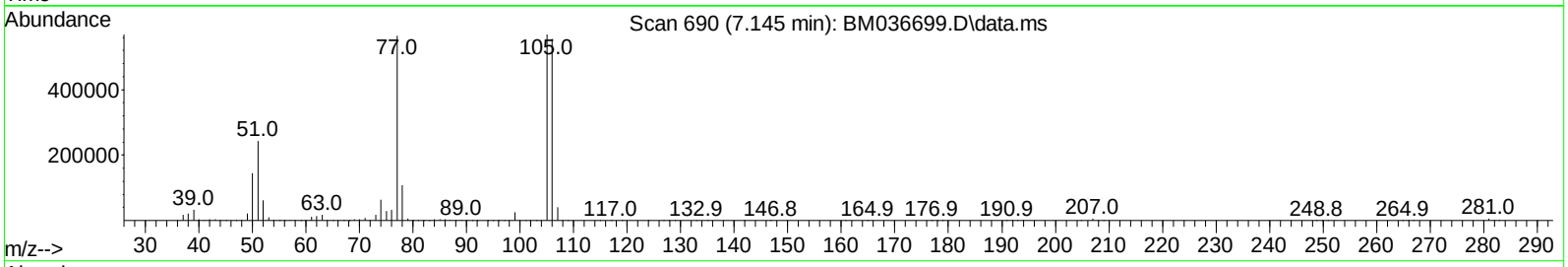
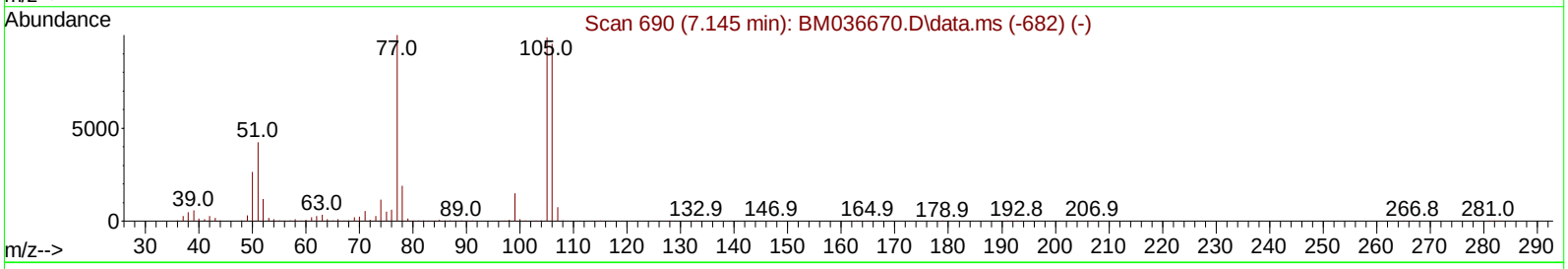
Supervised By :mohammad ahmed 09/26/2022







TIC: BM036699.D\data.ms

(6) Benzaldehyde

7.145min (-0.006) 56.11 ng/ul

response 877257

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	100.55
106.00	91.30	98.12
0.00	0.00	0.00

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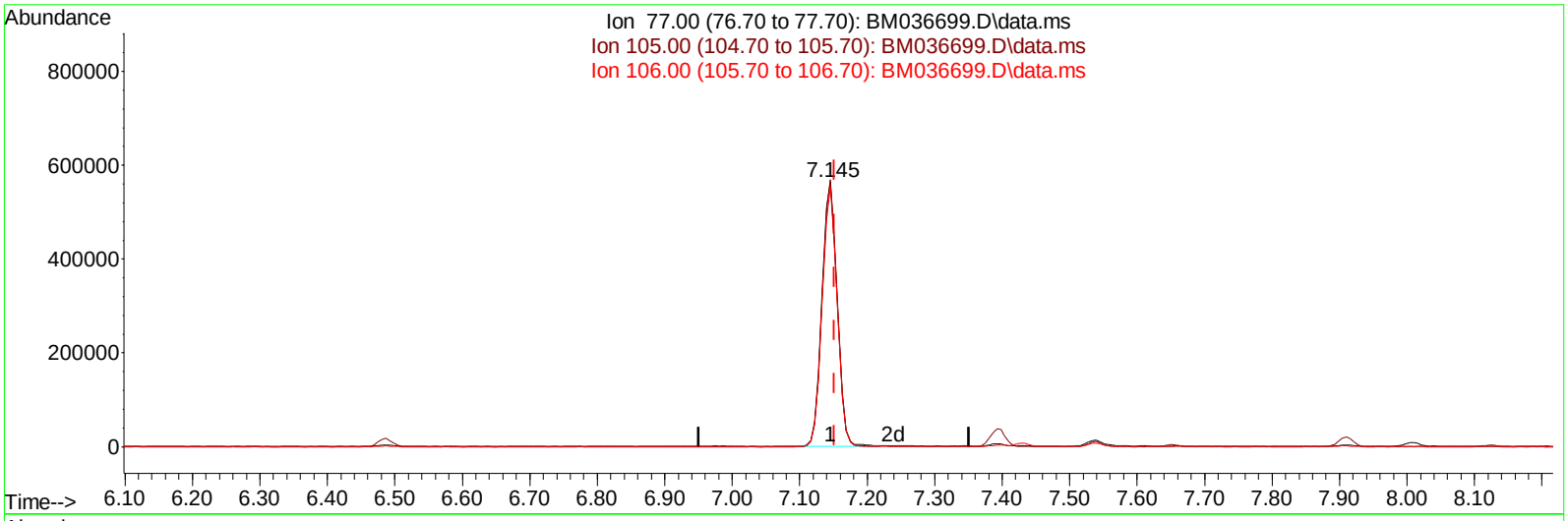

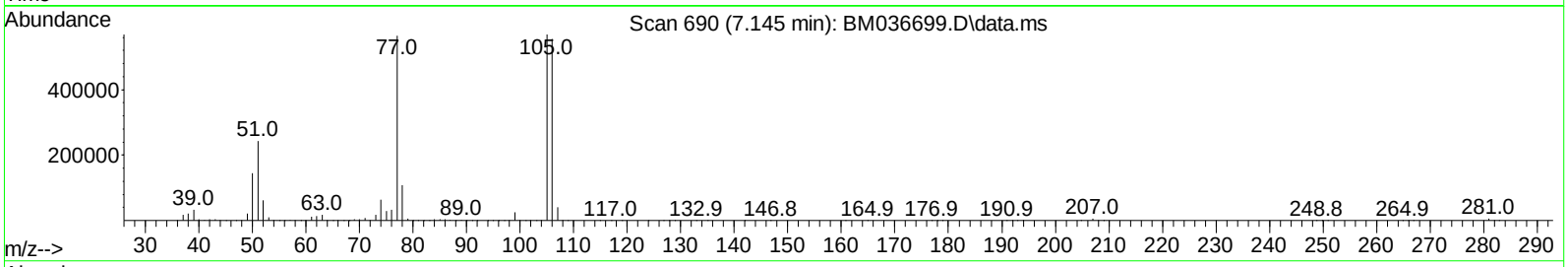

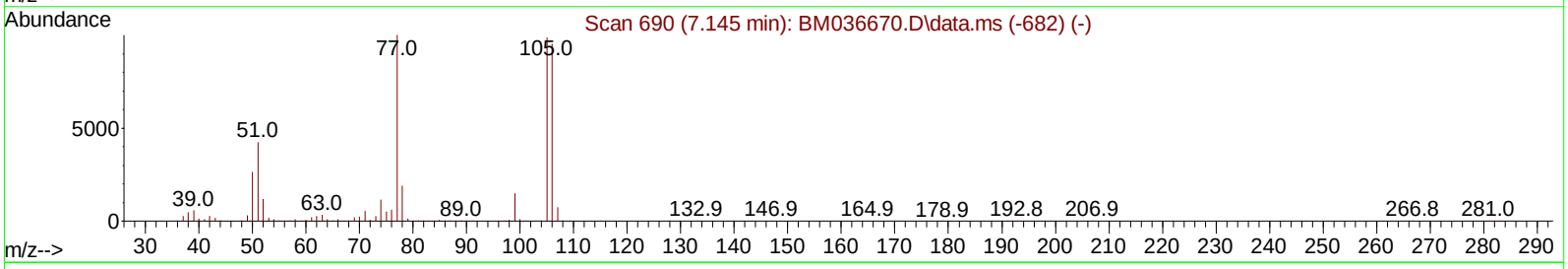

TIC: BM036699.D\data.ms

(6) Benzaldehyde

7.145min (-0.006) 56.50 ng/ul m

response 883334

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	100.55
106.00	91.30	98.12
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	8.010	152	361260	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1628451	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	986025	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	1954000	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1545074	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	1271387	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	45504	4.722	ng/uL	0.00
4) Pyridine-d5	3.816	84	272811	9.707	ng/ul	0.00
7) Phenol-d5	7.163	99	309748	9.595	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	808042	41.214	ng/ul	0.00
11) 2-Chlorophenol-d4	7.539	132	838514	36.076	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	553589	23.207	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	540871	49.071	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	524104	53.085	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	942940	41.212	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1163691	30.590	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	3105709	46.701	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	3589979	45.510	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	129354	10.029	ng/ul	0.00
60) Fluorene-d10	15.621	176	2727225	45.762	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	425032	54.978	ng/ul	0.00
73) Anthracene-d10	17.474	188	4145439	46.400	ng/ul	0.00
81) Pyrene-d10	19.756	212	4504826	59.265	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	3076006	49.522	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	62671	6.037	ng/uL	94
5) Pyridine	3.840	79	315111	11.160	ng/ul	95
6) Benzaldehyde	7.145	77	883334m	56.503	ng/ul	
8) Phenol	7.192	94	346337	9.996	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	1124689	41.719	ng/ul	99
12) 2-Chlorophenol	7.569	128	894469	35.576	ng/ul	97
13) 2-Methylphenol	8.451	108	680239	26.709	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1258308	39.381	ng/ul	97
16) Acetophenone	8.839	105	1745479	42.185	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.828	70	859932	43.072	ng/ul	95
18) 4-Methylphenol	8.786	108	643204	23.355	ng/ul	98
19) Hexachloroethane	9.092	117	274324	26.937	ng/ul	97
22) Nitrobenzene	9.222	77	1299818	44.416	ng/ul	96
23) Isophorone	9.757	82	2460098	41.229	ng/ul	99
25) 2-Nitrophenol	9.933	139	590257	48.405	ng/ul	99
26) 2,4-Dimethylphenol	9.992	107	1069185	35.549	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.233	93	1489249	41.874	ng/ul	100
29) 2,4-Dichlorophenol	10.469	162	968215	40.252	ng/ul	99
30) Naphthalene	10.869	128	3256970	36.714	ng/ul	99
32) 4-Chloroaniline	10.980	127	1193432	30.387	ng/ul	99
33) Hexachlorobutadiene	11.157	225	403926	27.457	ng/ul	99
34) Caprolactam	11.792	113	46696	5.985	ng/ul	96
35) 4-Chloro-3-methylphenol	12.098	107	992326	37.373	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.474	142	2282938	38.624 ng/ul	100
37) 1-Methylnaphthalene	12.692	142	2349461	39.540 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	1072629	38.434 ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	340446	23.407 ng/ul	98
41) 2,4,6-Trichlorophenol	13.074	196	805190	47.120 ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	884969	48.304 ng/ul	98
43) 1,1'-Biphenyl	13.474	154	3058383	42.077 ng/ul	99
44) 2-Chloronaphthalene	13.516	162	2356116	41.309 ng/ul	99
45) 2-Nitroaniline	13.721	65	773066	55.067 ng/ul	95
47) Dimethylphthalate	14.098	163	3203763	45.416 ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	650502	56.718 ng/ul	96
50) Acenaphthylene	14.363	152	3825528	42.418 ng/ul	99
51) 3-Nitroaniline	14.539	138	660919	48.048 ng/ul#	98
52) Acenaphthene	14.698	153	2720335	43.109 ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	261670	51.419 ng/ul	94
55) 4-Nitrophenol	14.839	109	110726	10.042 ng/ul	97
56) Dibenzofuran	15.033	168	3705350	43.723 ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	935968	56.135 ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.257	232	728122	47.477 ng/ul#	97
59) Diethylphthalate	15.451	149	3285186	46.521 ng/ul	100
61) Fluorene	15.680	166	3228412	44.729 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.674	204	1516599	43.936 ng/ul	98
63) 4-Nitroaniline	15.704	138	704321	52.701 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.757	198	447237	51.266 ng/ul#	94
67) N-Nitrosodiphenylamine	15.886	169	2652136	46.084 ng/ul	99
68) 4-Bromophenyl-phenylether	16.562	248	870443	45.196 ng/ul	99
69) Hexachlorobenzene	16.674	284	1011994	44.425 ng/ul	97
70) Atrazine	16.839	200	928869	45.738 ng/ul	98
71) Pentachlorophenol	17.021	266	586693	43.359 ng/ul	99
72) Phenanthrene	17.415	178	5008056	46.531 ng/ul	99
74) Anthracene	17.509	178	5002626	45.729 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	1152376	43.119 ng/uL	99
76) Pentachlorobenzene	14.951	250	1118168	38.684 ng/uL	99
77) Carbazole	17.774	167	4629340	45.706 ng/ul	99
78) Di-n-butylphthalate	18.339	149	5765342	50.220 ng/ul	99
80) Fluoranthene	19.421	202	5497017	59.016 ng/ul	100
82) Pyrene	19.780	202	5611958	56.918 ng/ul	97
83) Butylbenzylphthalate	20.674	149	2425709	64.927 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.450	252	1261937	41.800 ng/ul	98
85) Benzo(a)anthracene	21.521	228	4724216	48.800 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	3651718	66.912 ng/ul	99
87) Chrysene	21.574	228	4367589	47.531 ng/ul	99
89) Di-n-octyl phthalate	22.391	149	5501969	71.782 ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	4148970	51.461 ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	3916440	48.615 ng/ul	98
93) Benzo(a)pyrene	23.868	252	3434216	48.454 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	3880681	46.886 ng/ul	96
95) Dibenzo(a,h)anthracene	26.532	278	3587118	47.789 ng/ul	99
96) Benzo(g,h,i)perylene	27.291	276	3310449	46.137 ng/ul	98

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

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