Quantitation Report (Qedit)

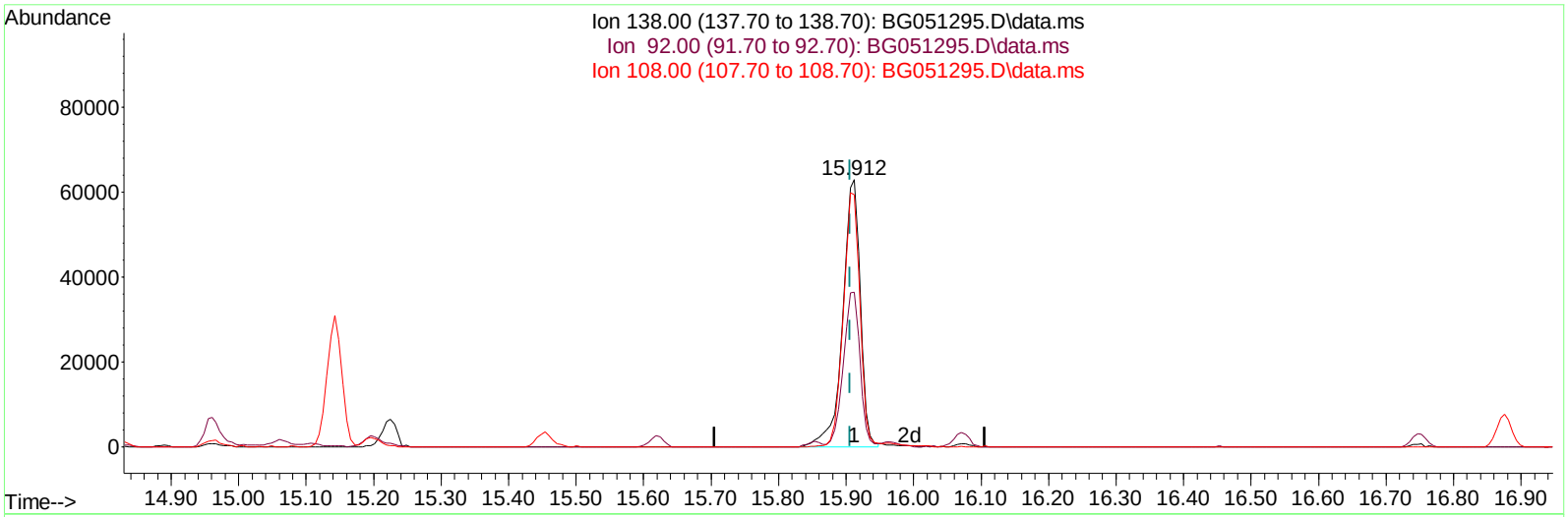
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
Data File : BG051295.D
Acq On : 1 Dec 2021 22:14
Operator : CG/JU
Sample : SP5767
Misc : SFAM SPIKE
ALS Vial : 10 Sample Multiplier: 1

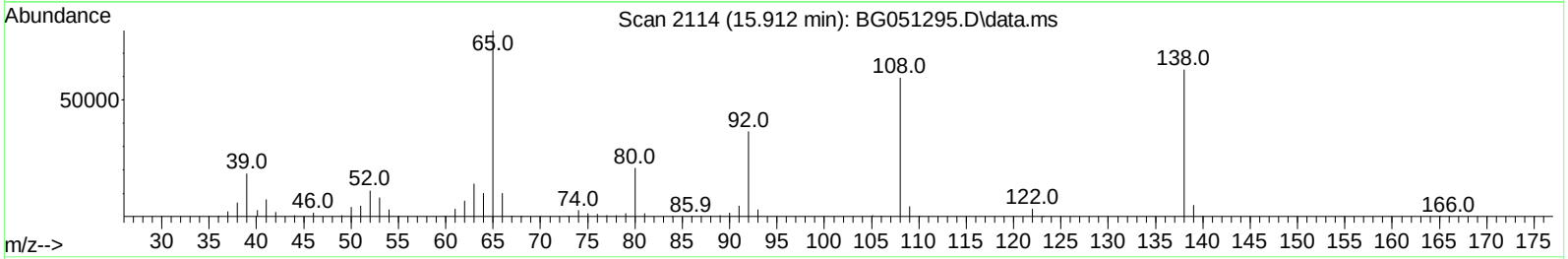
Quant Time: Dec 02 00:48:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

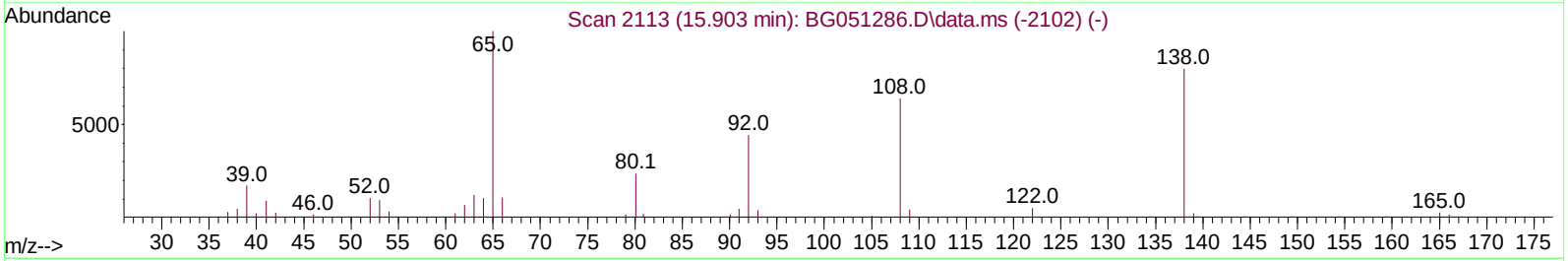
Instrument :
BNA_G
ClientSampleId :
SP5767

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021







TIC: BG051295.D\data.ms

(63) 4-Nitroaniline

15.912min (+ 0.006) 90.31 ng/ul

response 113371

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	57.99
108.00	90.70	94.55
0.00	0.00	0.00

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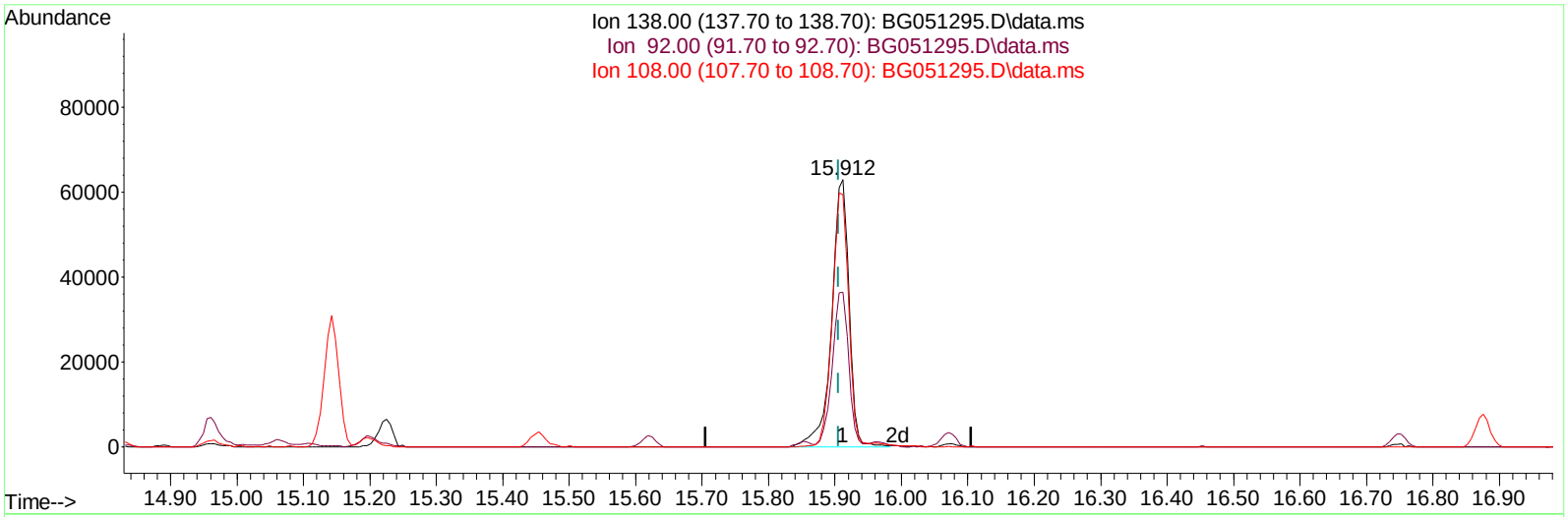

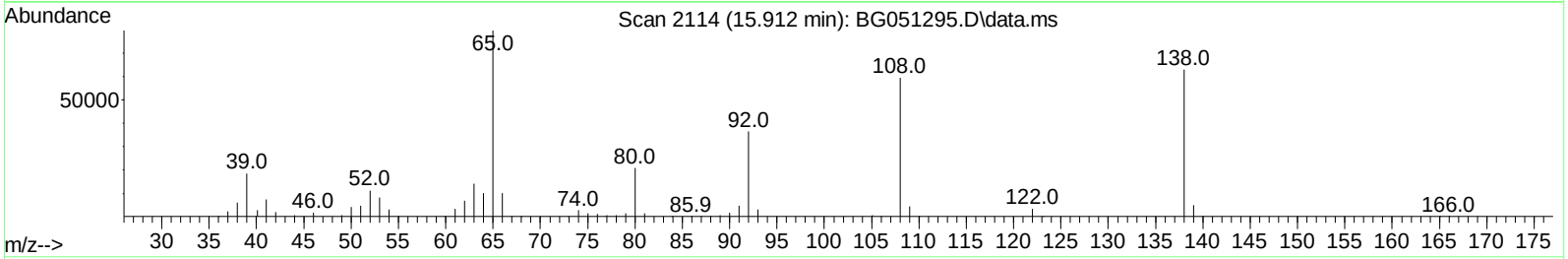

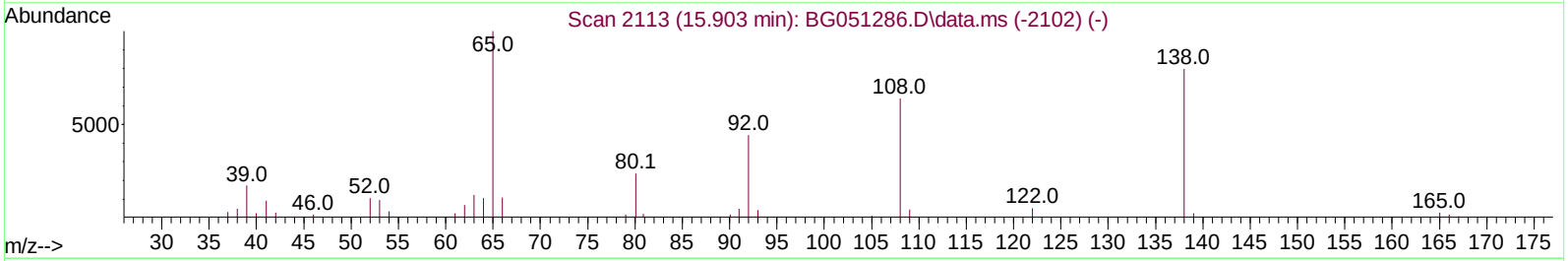

TIC: BG051295.D\data.ms

(63) 4-Nitroaniline

15.912min (+ 0.006) 90.97 ng/ul m

response 114195

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	57.99
108.00	90.70	94.55
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	8.192	152	27384	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.018	136	122334	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.825	164	79771	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.575	188	176100	20.000	ng/ul	0.00
79) Chrysene-d12	21.876	240	151629	20.000	ng/ul	0.00
88) Perylene-d12	25.272	264	156792	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.568	88	26081	29.347	ng/uL	97
5) Pyridine	3.979	79	177870	73.923	ng/ul	92
6) Benzaldehyde	7.322	77	166084	96.360	ng/ul	95
8) Phenol	7.381	94	220970	78.813	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.598	93	164658	77.627	ng/ul	96
12) 2-Chlorophenol	7.757	128	159881	80.503	ng/ul	96
13) 2-Methylphenol	8.638	108	162926	78.014	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.715	45	236775	77.355	ng/ul	97
16) Acetophenone	9.026	105	245345	72.626	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.997	70	148172	76.327	ng/ul	96
18) 4-Methylphenol	8.973	108	172907	77.427	ng/ul	98
19) Hexachloroethane	9.273	117	63175	75.311	ng/ul	99
22) Nitrobenzene	9.414	77	215060	79.422	ng/ul	97
23) Isophorone	9.937	82	404248	76.842	ng/ul	98
25) 2-Nitrophenol	10.131	139	94229	78.095	ng/ul	96
26) 2,4-Dimethylphenol	10.178	107	195408	79.211	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.407	93	227511	78.338	ng/ul	99
29) 2,4-Dichlorophenol	10.671	162	149892	77.042	ng/ul	98
30) Naphthalene	11.071	128	491698	73.868	ng/ul	99
32) 4-Chloroaniline	11.182	127	202430	69.724	ng/ul	99
33) Hexachlorobutadiene	11.335	225	97707	72.808	ng/ul	98
34) Caprolactam	11.970	113	57380	75.019	ng/ul	97
35) 4-Chloro-3-methylphenol	12.299	107	180604	77.275	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.663	142	334240	73.822 ng/ul	99
37) 1-Methylnaphthalene	12.880	142	340089	73.010 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.027	216	189747	75.767 ng/ul	96
40) Hexachlorocyclopentadiene	12.992	237	54710	54.048 ng/ul	98
41) 2,4,6-Trichlorophenol	13.268	196	124450	79.189 ng/ul	98
42) 2,4,5-Trichlorophenol	13.351	196	128187	77.891 ng/ul	100
43) 1,1'-Biphenyl	13.662	154	443878	74.500 ng/ul	99
44) 2-Chloronaphthalene	13.709	162	352255	74.323 ng/ul	97
45) 2-Nitroaniline	13.920	65	134473	81.981 ng/ul	94
47) Dimethylphthalate	14.267	163	460988	74.200 ng/ul	99
48) 2,6-Dinitrotoluene	14.408	165	103051	78.965 ng/ul	92
50) Acenaphthylene	14.555	152	578018	75.590 ng/ul	98
51) 3-Nitroaniline	14.743	138	109009	84.505 ng/ul	95
52) Acenaphthene	14.890	153	379571	75.266 ng/ul	95
53) 2,4-Dinitrophenol	14.960	184	46184	64.025 ng/ul	90
55) 4-Nitrophenol	15.060	109	60835	70.585 ng/ul	91
56) Dibenzofuran	15.225	168	523254	71.935 ng/ul	97
57) 2,4-Dinitrotoluene	15.195	165	142521	76.462 ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.454	232	97435	75.394 ng/ul	99
59) Diethylphthalate	15.618	149	481166	73.783 ng/ul	99
61) Fluorene	15.871	166	430765	73.932 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.853	204	231244	73.645 ng/ul	96
63) 4-Nitroaniline	15.912	138	114195m	90.968 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.965	198	74895	71.466 ng/ul#	98
67) N-Nitrosodiphenylamine	16.071	169	380145	75.404 ng/ul	99
68) 4-Bromophenyl-phenylether	16.752	248	143089	75.814 ng/ul	93
69) Hexachlorobenzene	16.876	284	144793	75.236 ng/ul	96
70) Atrazine	17.017	200	158587	74.849 ng/ul	99
71) Pentachlorophenol	17.228	266	49784	58.379 ng/ul	97
72) Phenanthrene	17.616	178	721712	74.226 ng/ul	99
74) Anthracene	17.710	178	720799	74.643 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.633	216	199010	77.477 ng/uL	96
76) Pentachlorobenzene	15.143	250	174821	73.045 ng/uL	98
77) Carbazole	17.986	167	644925	76.086 ng/ul	98
78) Di-n-butylphthalate	18.503	149	811485	74.249 ng/ul	99
80) Fluoranthene	19.620	202	871232	77.315 ng/ul	99
82) Pyrene	19.984	202	856120	77.667 ng/ul	99
83) Butylbenzylphthalate	20.842	149	366876	80.058 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.758	252	289042	81.874 ng/ul	97
85) Benzo(a)anthracene	21.858	228	782796	76.115 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.711	149	522676	79.261 ng/ul	99
87) Chrysene	21.929	228	739260	74.825 ng/ul	97
89) Di-n-octyl phthalate	22.975	149	885507	77.956 ng/ul	100
90) Benzo(b)fluoranthene	24.191	252	810496	76.597 ng/ul	98
91) Benzo(k)fluoranthene	24.261	252	723274	72.840 ng/ul	98
93) Benzo(a)pyrene	25.113	252	774407	76.713 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.197	276	864188	76.501 ng/ul	97
95) Dibenzo(a,h)anthracene	29.255	278	720634	75.195 ng/ul	98
96) Benzo(g,h,i)perylene	30.436	276	719373	75.690 ng/ul	97

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

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