Quantitation Report (Qedit)

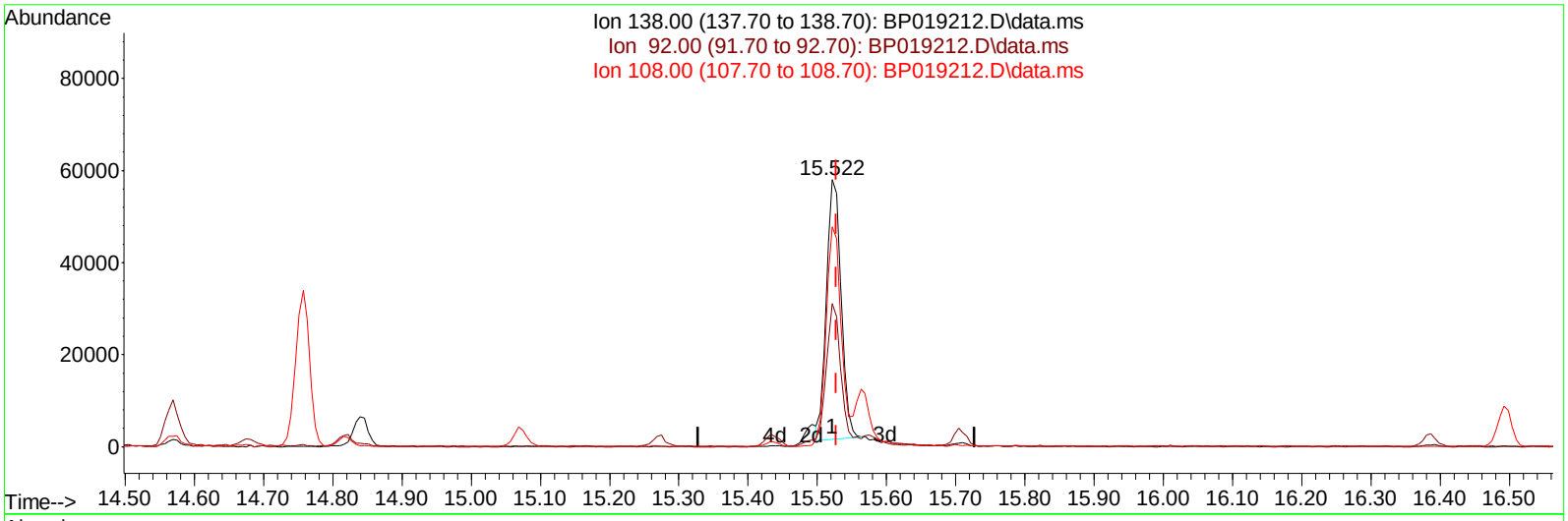
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019212.D
Acq On : 02 Jan 2024 17:29
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

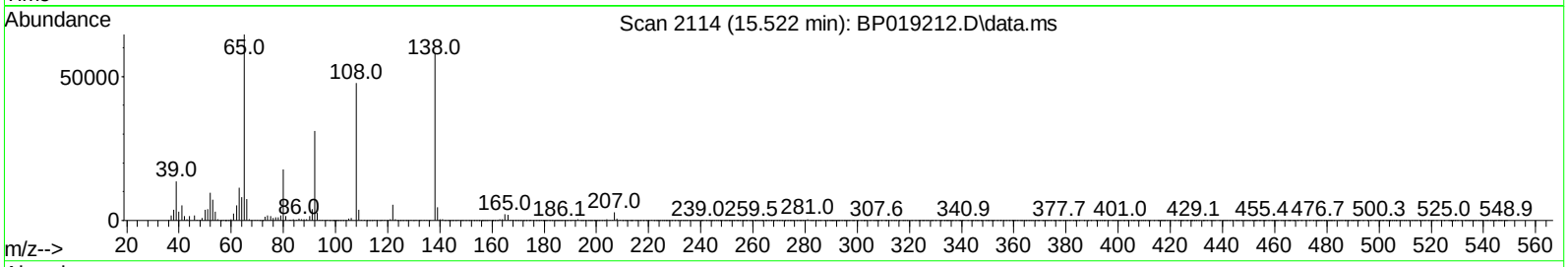
Quant Time: Jan 03 02:08:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

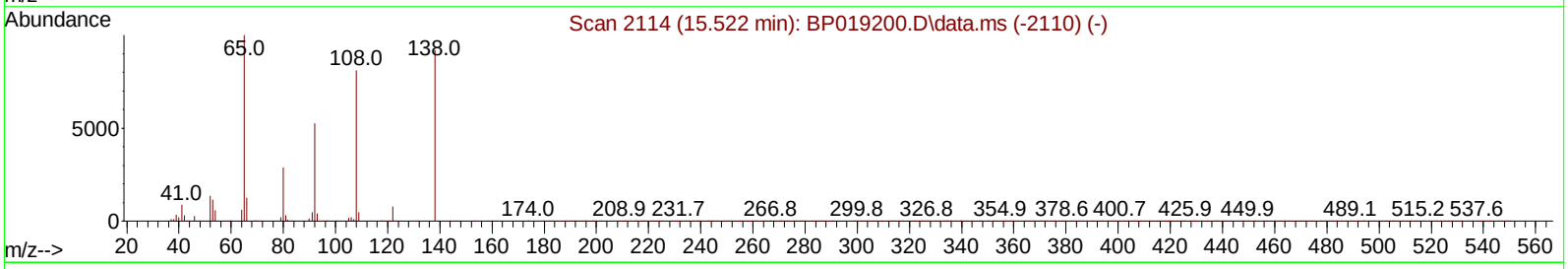
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024







TIC: BP019212.D\data.ms

(63) 4-Nitroaniline

15.522min (-0.006) 16.78 ng/ul

response 82502

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.80	53.70
108.00	82.80	82.31
0.00	0.00	0.00

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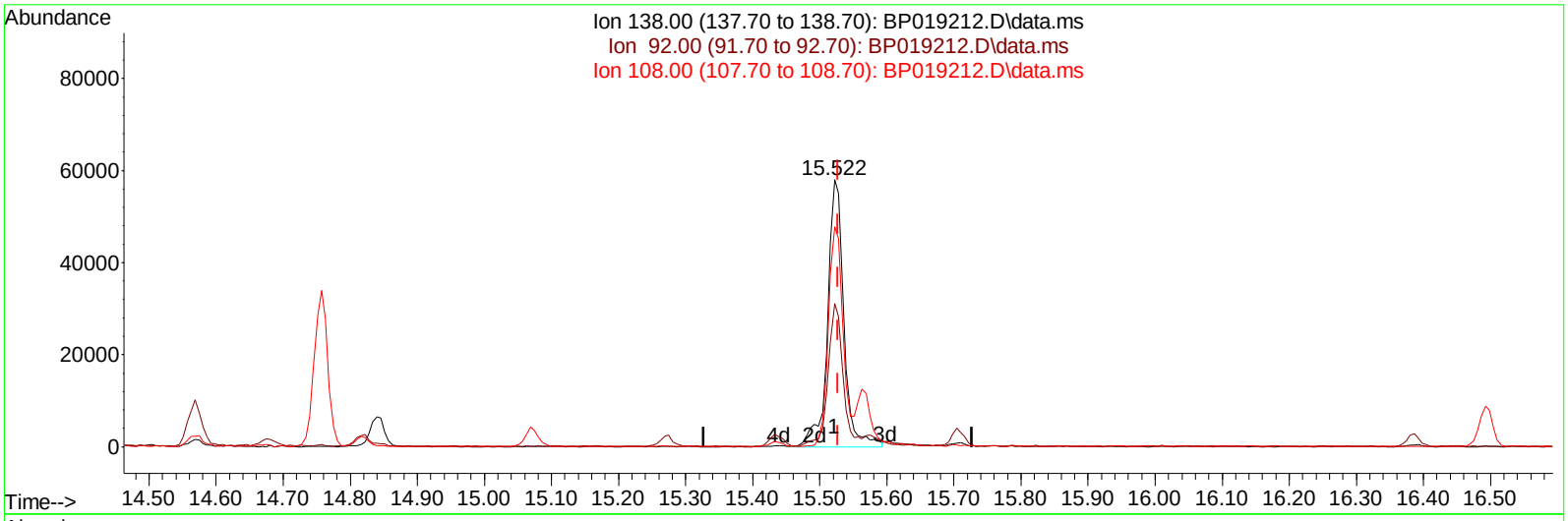

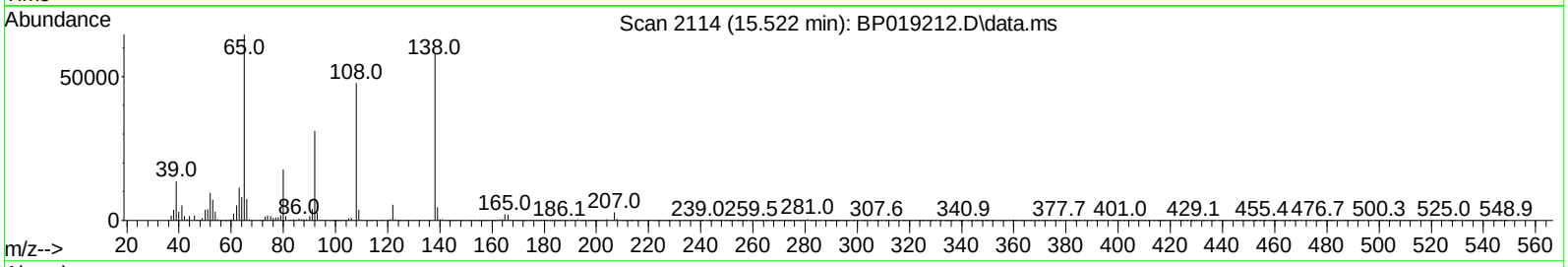

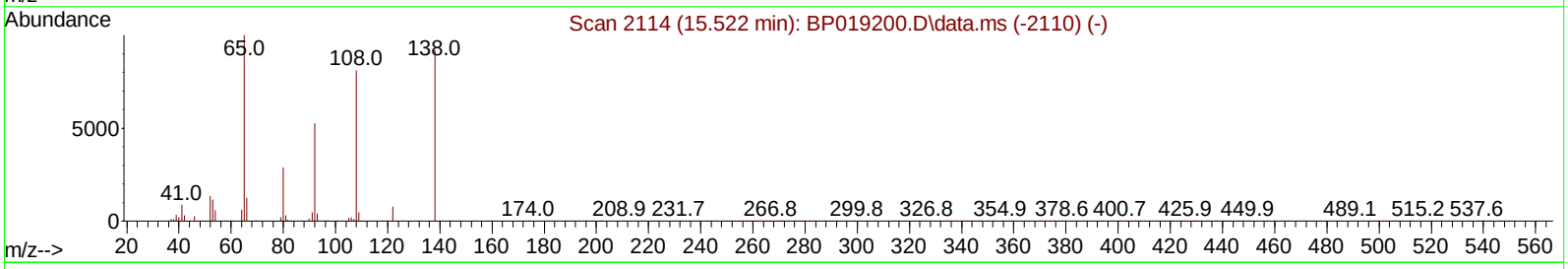

TIC: BP019212.D\data.ms

(63) 4-Nitroaniline

15.522min (-0.006) 19.95 ng/ul m

response 98120

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.80	53.70
108.00	82.80	82.31
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	7.799	152	160756	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	573270	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	312063	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	671821	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	769888	20.000	ng/ul	-0.01
88) Perylene-d12	23.663	264	1007349	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	37377	7.941	ng/uL	0.00
4) Pyridine-d5	3.658	84	236809	20.044	ng/ul	0.00
7) Phenol-d5	6.975	99	285256	19.787	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	168509	20.205	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	234505	20.178	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	213344	19.008	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	102320	20.647	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	113475	21.188	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	220551	20.393	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	251084	18.875	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	510922	18.536	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	609703	20.386	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	87948	18.895	ng/ul	0.00
60) Fluorene-d10	15.434	176	452609	19.007	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.563	200	77654	17.632	ng/ul	-0.01
73) Anthracene-d10	17.292	188	705146	20.098	ng/ul	-0.01
81) Pyrene-d10	19.539	212	908635	19.366	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.510	264	1139743	19.684	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	41346	7.989	ng/uL	96
5) Pyridine	3.675	79	238879	19.920	ng/ul	97
6) Benzaldehyde	6.946	77	133821	19.992	ng/ul	98
8) Phenol	7.005	94	281781	19.789	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.228	93	231510	20.094	ng/ul	98
12) 2-Chlorophenol	7.363	128	233054	19.592	ng/ul	99
13) 2-Methylphenol	8.252	108	204976	19.459	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	265626	19.544	ng/ul	99
16) Acetophenone	8.628	105	319285	18.994	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.610	70	150287	17.929	ng/ul	99
18) 4-Methylphenol	8.581	108	216162	19.065	ng/ul	97
19) Hexachloroethane	8.869	117	101594	20.362	ng/ul	94
22) Nitrobenzene	9.004	77	239913	19.816	ng/ul	100
23) Isophorone	9.534	82	410015	18.780	ng/ul	99
25) 2-Nitrophenol	9.716	139	119712	20.935	ng/ul	95
26) 2,4-Dimethylphenol	9.781	107	204177	20.281	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.016	93	274310	19.010	ng/ul	99
29) 2,4-Dichlorophenol	10.246	162	209447	19.818	ng/ul	98
30) Naphthalene	10.646	128	682726	19.753	ng/ul	100
32) 4-Chloroaniline	10.763	127	241595	18.927	ng/ul	99
33) Hexachlorobutadiene	10.922	225	171654	21.105	ng/ul	97
34) Caprolactam	11.551	113	45337	16.241	ng/ul	97
35) 4-Chloro-3-methylphenol	11.898	107	183678	17.705	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.257	142	431451	18.514	ng/ul	100
37) 1-Methylnaphthalene	12.475	142	429458	18.275	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.628	216	273775	21.301	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	168602	23.634	ng/ul	100
41) 2,4,6-Trichlorophenol	12.875	196	159367	20.778	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	166174	20.409	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	550021	20.205	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	451583	20.674	ng/ul	100
45) 2-Nitroaniline	13.528	65	102463	19.540	ng/ul	93
47) Dimethylphthalate	13.904	163	505617	18.583	ng/ul	100
48) 2,6-Dinitrotoluene	14.028	165	95789	19.159	ng/ul	96
50) Acenaphthylene	14.163	152	677199	20.125	ng/ul	100
51) 3-Nitroaniline	14.357	138	94756	19.386	ng/ul	97
52) Acenaphthene	14.504	153	449620	19.715	ng/ul	99
53) 2,4-Dinitrophenol	14.569	184	62370	19.363	ng/ul	95
55) 4-Nitrophenol	14.675	109	69029	18.557	ng/ul	95
56) Dibenzofuran	14.839	168	630095	19.346	ng/ul	99
57) 2,4-Dinitrotoluene	14.816	165	138570	18.845	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.069	232	139197	19.568	ng/ul#	97
59) Diethylphthalate	15.275	149	476687	18.069	ng/ul	100
61) Fluorene	15.492	166	497667	19.091	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	270836	19.025	ng/ul	98
63) 4-Nitroaniline	15.522	138	98120m	19.952	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.581	198	84012	18.016	ng/ul	98
67) N-Nitrosodiphenylamine	15.704	169	412943	20.140	ng/ul	98
68) 4-Bromophenyl-phenylether	16.386	248	169548	20.305	ng/ul	99
69) Hexachlorobenzene	16.492	284	204648	20.054	ng/ul	98
70) Atrazine	16.669	200	123158	21.284	ng/ul	98
71) Pentachlorophenol	16.845	266	131311	21.917	ng/ul	98
72) Phenanthrene	17.239	178	795446	19.538	ng/ul	99
74) Anthracene	17.328	178	807672	19.927	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	268778	23.009	ng/uL	100
76) Pentachlorobenzene	14.757	250	247321	21.307	ng/uL	98
77) Carbazole	17.610	167	723951	21.473	ng/ul	99
78) Di-n-butylphthalate	18.163	149	818935	19.585	ng/ul	100
80) Fluoranthene	19.216	202	1017214	18.893	ng/ul	100
82) Pyrene	19.569	202	1071343	18.992	ng/ul	99
83) Butylbenzylphthalate	20.451	149	421203	20.903	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.227	252	414132	21.503	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1207248	19.847	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	611785	20.619	ng/ul	100
87) Chrysene	21.339	228	1129383	19.911	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	1099805	19.092	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	1355073	19.151	ng/ul	99
91) Benzo(k)fluoranthene	22.992	252	1303647	18.750	ng/ul	99
93) Benzo(a)pyrene	23.557	252	1292715	19.411	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.115	276	1715989	20.100	ng/ul	98
95) Dibenzo(a,h)anthracene	26.133	278	1424040	20.051	ng/ul	99
96) Benzo(g,h,i)perylene	26.868	276	1402296	20.497	ng/ul	98

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

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