Quantitation Report (Qedit)

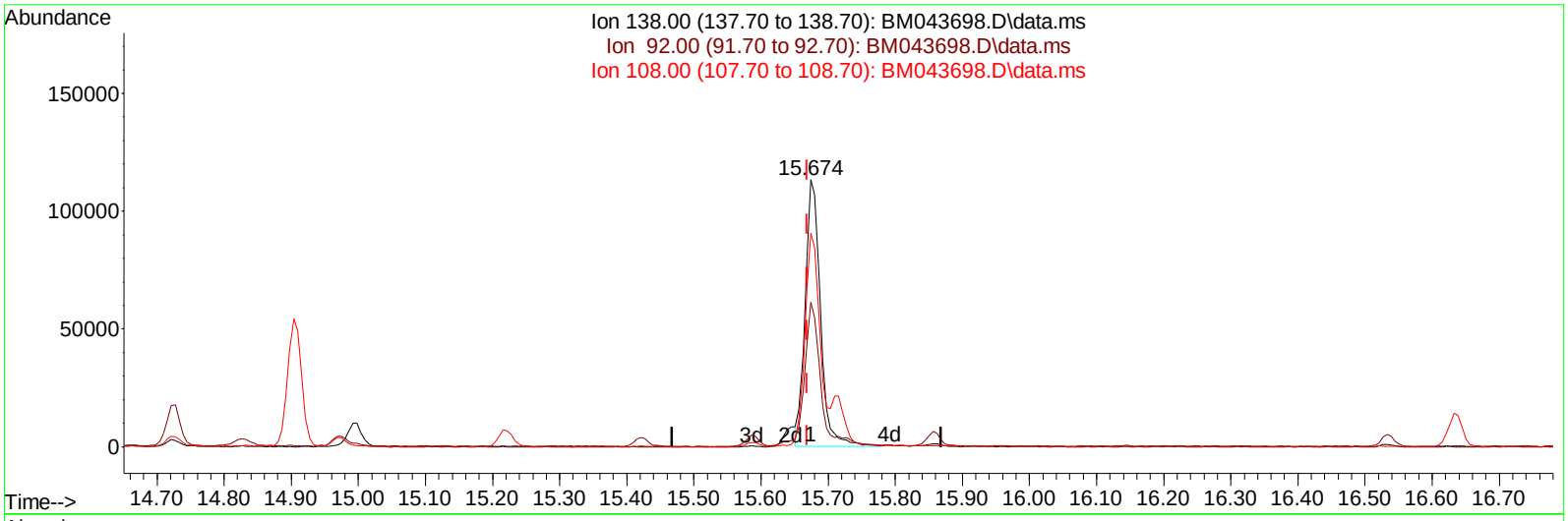
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043698.D
Acq On : 02 Jan 2024 17:30
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

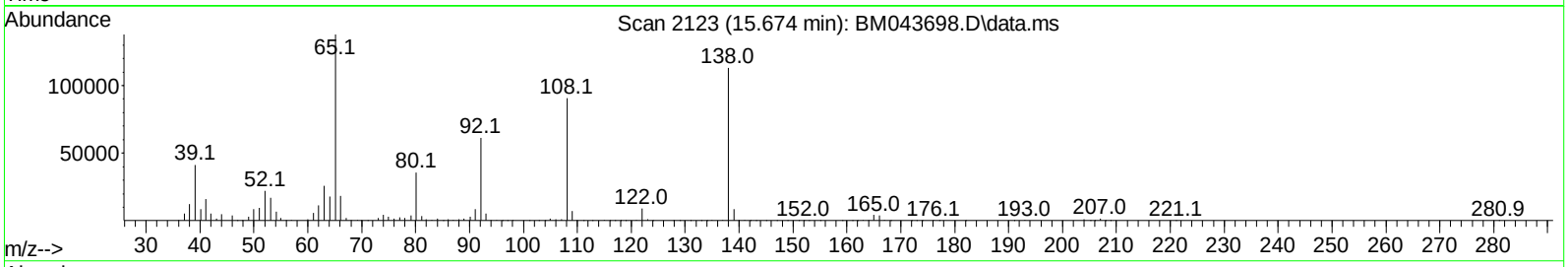
Quant Time: Jan 02 18:06:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

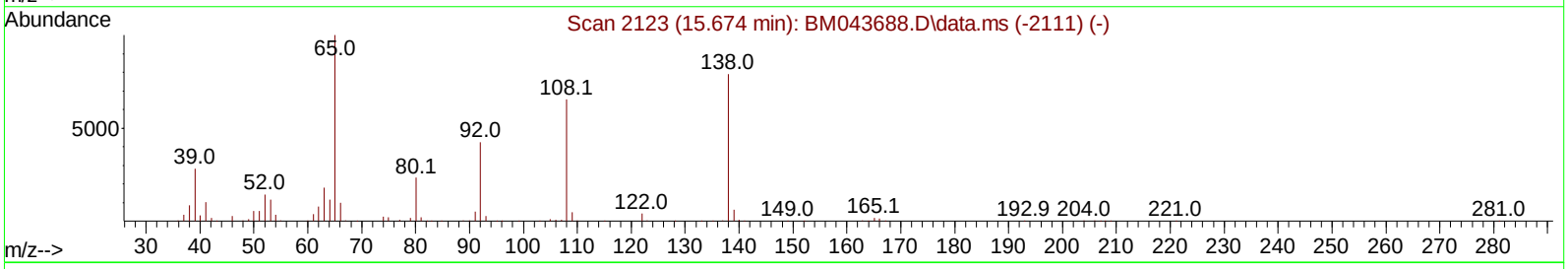
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024







TIC: BM043698.D\data.ms

(63) 4-Nitroaniline

15.674min (+ 0.006) 22.52 ng/ul

response 180394

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.90	54.19
108.00	83.80	79.95
0.00	0.00	0.00

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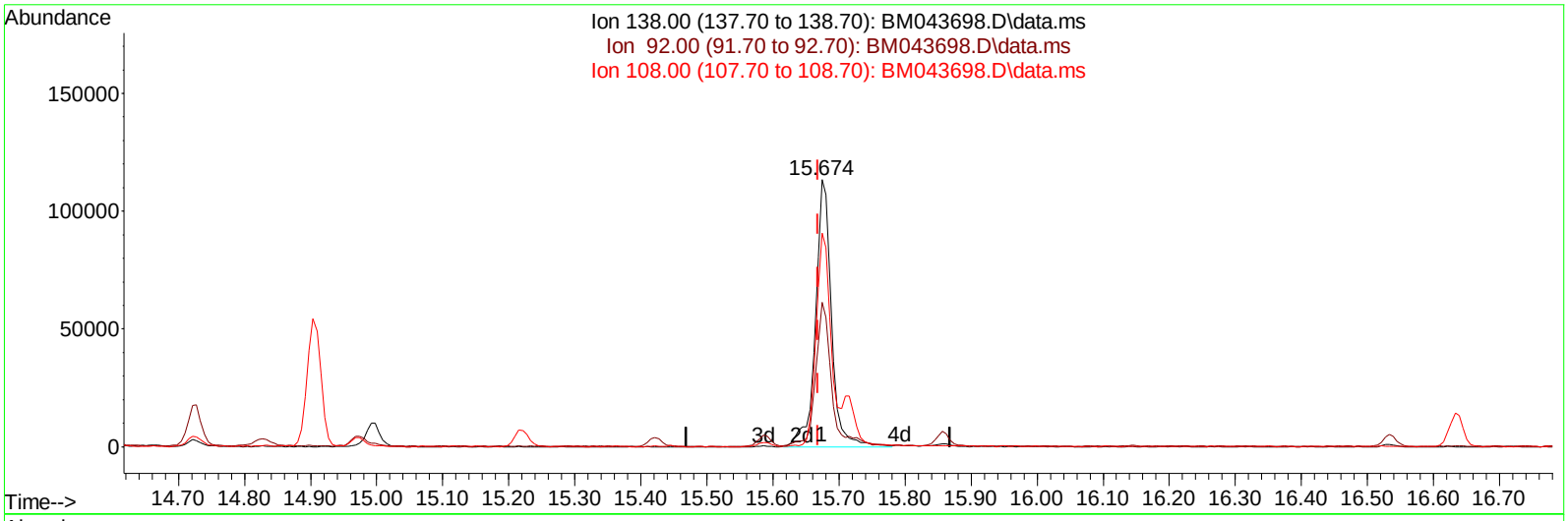

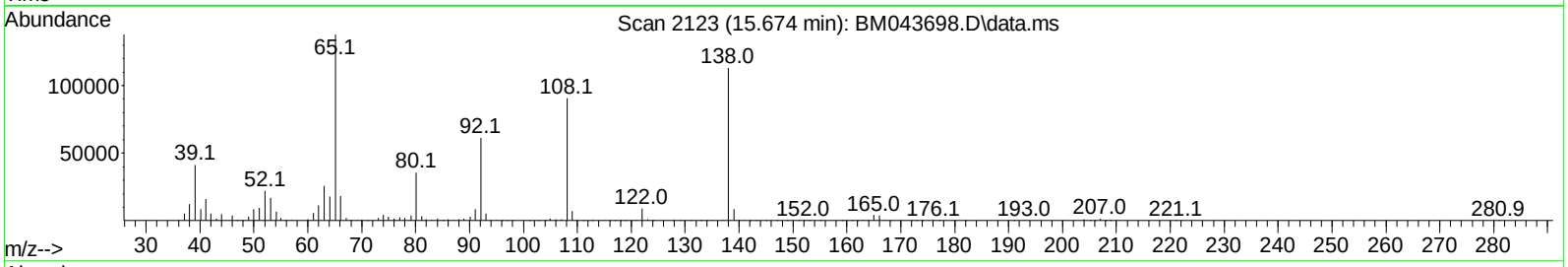

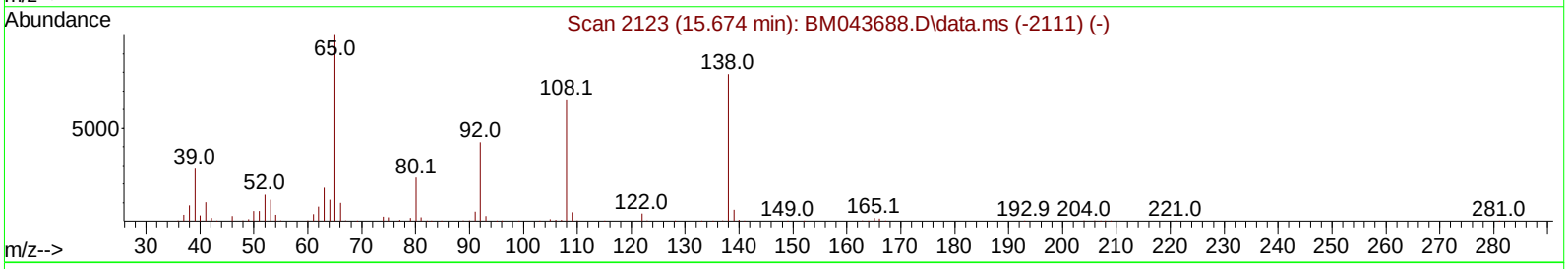

TIC: BM043698.D\data.ms

(63) 4-Nitroaniline

15.674min (+ 0.006) 24.01 ng/ul m

response 192311

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.90	54.19
108.00	83.80	79.95
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	188924	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	788565	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	443522	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	922448	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	835188	20.000	ng/ul	0.00
88) Perylene-d12	23.938	264	940985	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	44331	7.626	ng/uL	0.00
4) Pyridine-d5	3.799	84	312446	18.676	ng/ul	0.01
7) Phenol-d5	7.128	99	404550	18.824	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.298	67	240212	17.648	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	308194	18.782	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	300662	18.028	ng/ul	0.00
21) Nitrobenzene-d5	9.133	128	147758	19.367	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	156206	19.815	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	278933	20.044	ng/ul	0.01
31) 4-Chloroaniline-d4	10.916	131	389702	19.035	ng/ul	0.00
46) Dimethylphthalate-d6	14.015	166	703788	17.627	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	890044	18.792	ng/ul	0.00
54) 4-Nitrophenol-d4	14.815	143	161608	21.386	ng/ul	0.02
60) Fluorene-d10	15.586	176	635679	19.254	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.715	200	97200	15.932	ng/ul	0.00
73) Anthracene-d10	17.439	188	983418	19.009	ng/ul	0.00
81) Pyrene-d10	19.733	212	1063318	16.126	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.785	264	1061185	18.275	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	47556	7.405	ng/uL	96
5) Pyridine	3.816	79	331064	19.135	ng/ul	96
6) Benzaldehyde	7.104	77	182097	17.870	ng/ul	99
8) Phenol	7.157	94	401111	18.971	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.392	93	308266	17.959	ng/ul	100
12) 2-Chlorophenol	7.522	128	314316	18.803	ng/ul	98
13) 2-Methylphenol	8.410	108	293808	18.300	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.492	45	503285	17.460	ng/ul	99
16) Acetophenone	8.792	105	438439	17.171	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.775	70	240189	15.761	ng/ul	98
18) 4-Methylphenol	8.739	108	312413	17.955	ng/ul	97
19) Hexachloroethane	9.033	117	122173	17.333	ng/ul	89
22) Nitrobenzene	9.175	77	360240	19.079	ng/ul	98
23) Isophorone	9.704	82	631572	16.490	ng/ul	99
25) 2-Nitrophenol	9.886	139	166999	19.933	ng/ul	98
26) 2,4-Dimethylphenol	9.945	107	288869	19.355	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.186	93	395020	17.467	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	271014	20.068	ng/ul	97
30) Naphthalene	10.816	128	960641	19.115	ng/ul	100
32) 4-Chloroaniline	10.939	127	377599	19.180	ng/ul	100
33) Hexachlorobutadiene	11.086	225	141028	20.482	ng/ul	99
34) Caprolactam	11.733	113	81615	18.911	ng/ul	95
35) 4-Chloro-3-methylphenol	12.063	107	293067	18.475	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.427	142	623063	18.213	ng/ul	99
37) 1-Methylnaphthalene	12.645	142	627995	18.200	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	263085	19.468	ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	135314	15.959	ng/ul	100
41) 2,4,6-Trichlorophenol	13.033	196	189900	19.769	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	205838	20.182	ng/ul	99
43) 1,1'-Biphenyl	13.433	154	768037	18.166	ng/ul	98
44) 2-Chloronaphthalene	13.474	162	620304	19.137	ng/ul	99
45) 2-Nitroaniline	13.692	65	206592	19.006	ng/ul	97
47) Dimethylphthalate	14.063	163	703671	17.846	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	145886	19.137	ng/ul	95
50) Acenaphthylene	14.321	152	1019750	18.749	ng/ul	99
51) 3-Nitroaniline	14.515	138	173403	19.815	ng/ul	99
52) Acenaphthene	14.663	153	674050	18.804	ng/ul	100
53) 2,4-Dinitrophenol	14.727	184	88423	21.790	ng/ul	98
55) 4-Nitrophenol	14.827	109	123442	21.037	ng/ul	93
56) Dibenzofuran	14.998	168	887655	19.174	ng/ul	98
57) 2,4-Dinitrotoluene	14.974	165	210160	19.513	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.221	232	159976	20.472	ng/ul	98
59) Diethylphthalate	15.421	149	731983	18.115	ng/ul	100
61) Fluorene	15.645	166	760867	19.238	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	326166	18.748	ng/ul	99
63) 4-Nitroaniline	15.674	138	192311m	24.009	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.727	198	108133	16.601	ng/ul	98
67) N-Nitrosodiphenylamine	15.857	169	616042	17.387	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	189372	17.328	ng/ul	96
69) Hexachlorobenzene	16.639	284	230252	18.390	ng/ul	95
70) Atrazine	16.815	200	161687	20.819	ng/ul	99
71) Pentachlorophenol	16.986	266	160152	21.158	ng/ul	98
72) Phenanthrene	17.386	178	1164793	18.631	ng/ul	100
74) Anthracene	17.474	178	1198217	18.990	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	260901	17.222	ng/uL	99
76) Pentachlorobenzene	14.904	250	252691	17.131	ng/uL	97
77) Carbazole	17.756	167	1144600	21.255	ng/ul	99
78) Di-n-butylphthalate	18.321	149	1379085	19.589	ng/ul	99
80) Fluoranthene	19.398	202	1290279	15.802	ng/ul	97
82) Pyrene	19.762	202	1355497	16.148	ng/ul	98
83) Butylbenzylphthalate	20.668	149	661350	18.222	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.450	252	413716	20.113	ng/ul	98
85) Benzo(a)anthracene	21.509	228	1320443	18.907	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.444	149	985256	19.068	ng/ul	100
87) Chrysene	21.562	228	1193700	18.999	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	1678003	18.641	ng/ul	100
90) Benzo(b)fluoranthene	23.203	252	1260512	17.480	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	1277620	18.166	ng/ul	99
93) Benzo(a)pyrene	23.833	252	1210451	18.399	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.450	276	1531105	19.491	ng/ul	98
95) Dibenzo(a,h)anthracene	26.479	278	1281440	19.700	ng/ul	99
96) Benzo(g,h,i)perylene	27.221	276	1212218	19.686	ng/ul	97

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

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