Quantitation Report (Qedit)

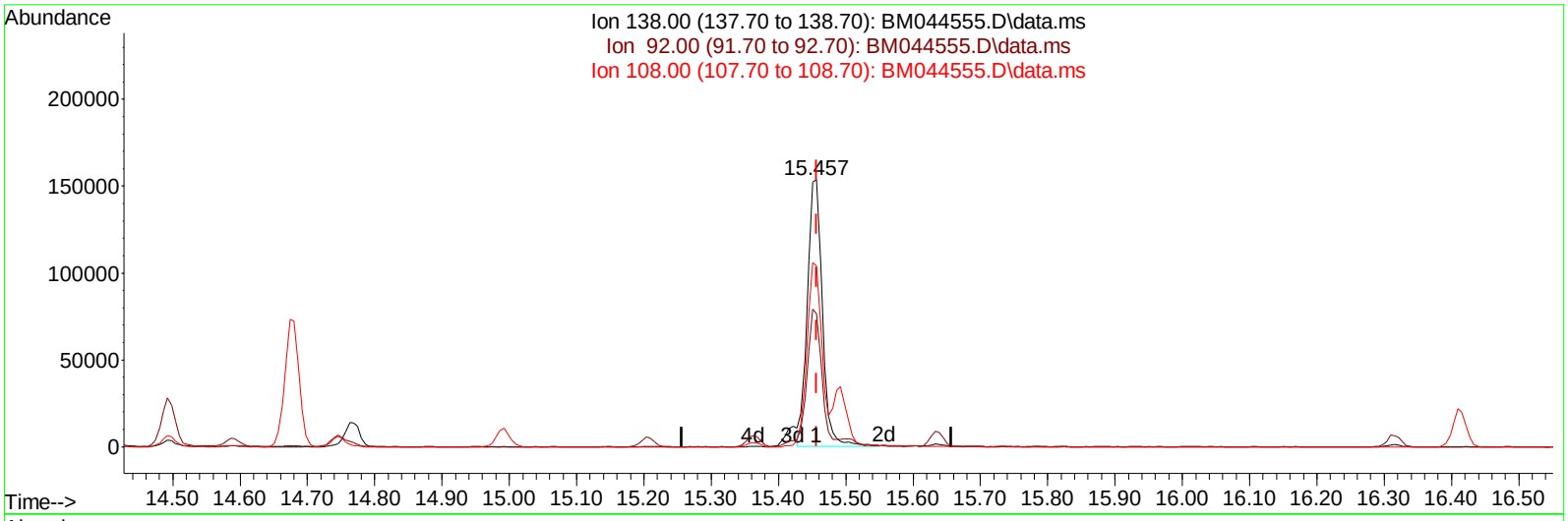
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
Data File : BM044555.D
Acq On : 07 Mar 2024 17:51
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 47 Sample Multiplier: 1

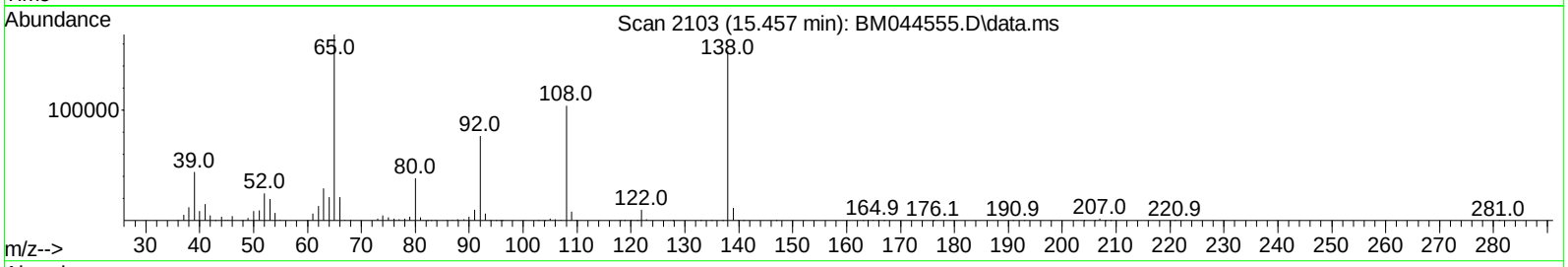
Quant Time: Mar 07 23:55:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
Response via : Initial Calibration

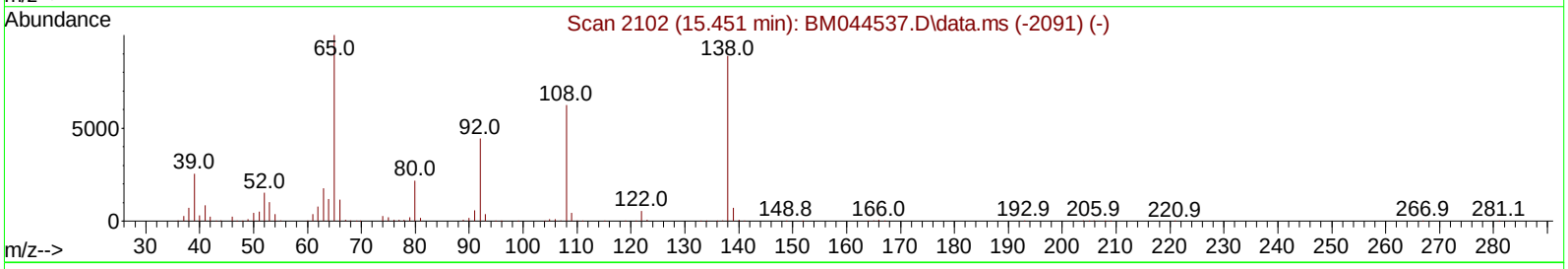
Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024







TIC: BM044555.D\data.ms

(63) 4-Nitroaniline

15.457min (+ 0.000) 18.84 ng/ul

response 239943

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	49.94
108.00	68.30	67.84
0.00	0.00	0.00

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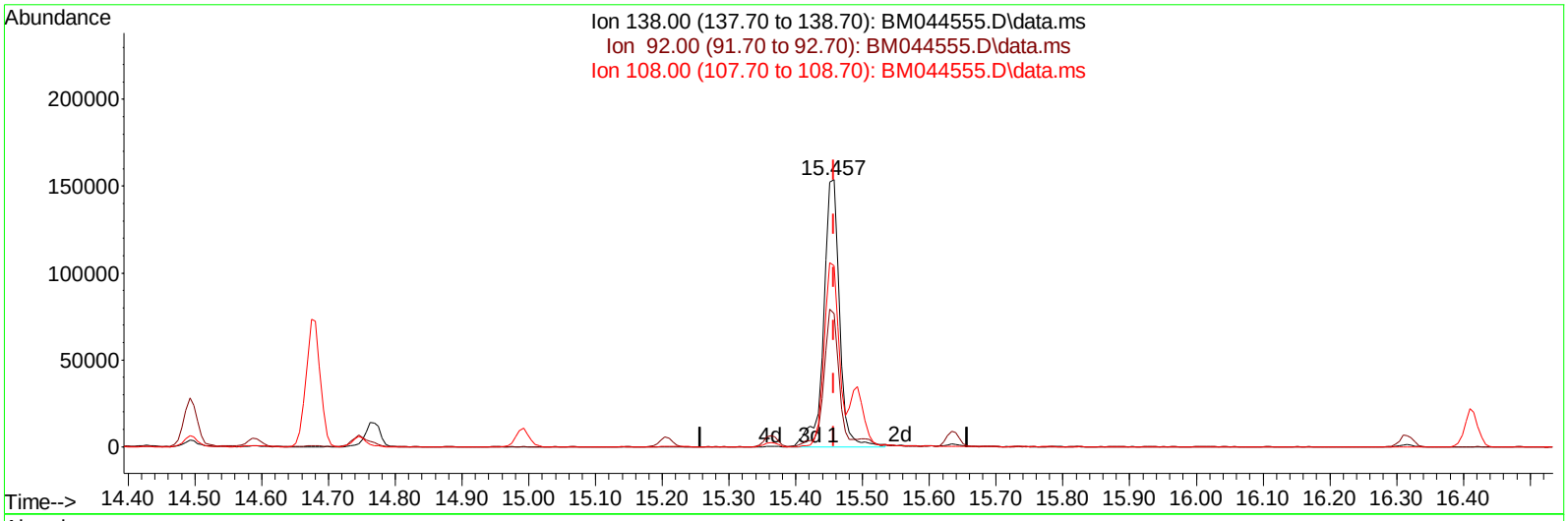

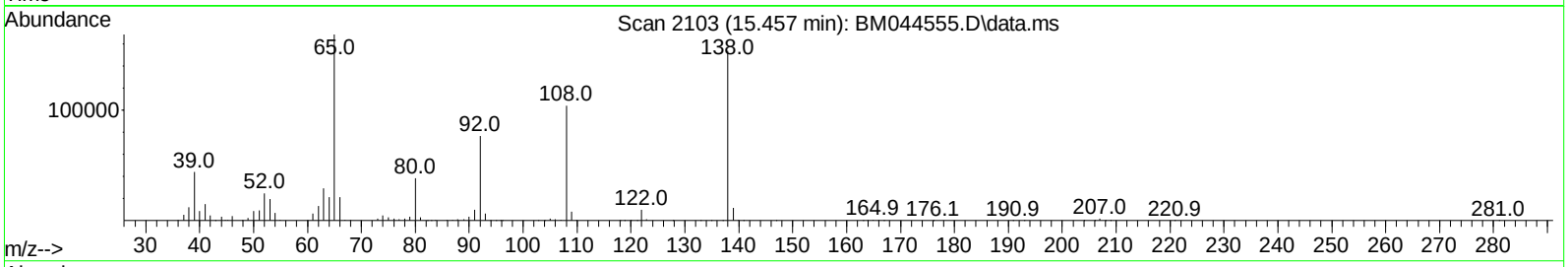

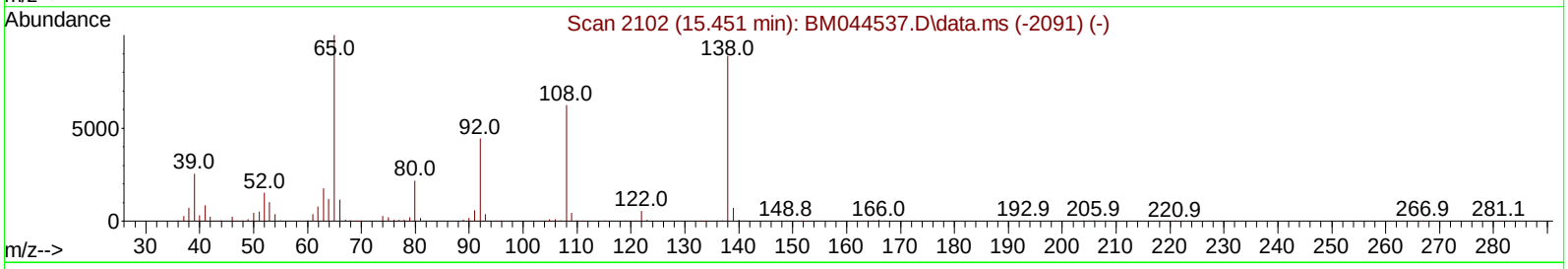

TIC: BM044555.D\data.ms

(63) 4-Nitroaniline

15.457min (+ 0.000) 20.05 ng/ul m

response 255386

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	49.94
108.00	68.30	67.84
0.00	0.00	0.00

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Acq On : 07 Mar 2024 17:51
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Mar 07 23:59:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	272874	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.504	136	1227184	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.363	164	773744	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1581504	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	1423806	20.000	ng/ul	0.00
88) Perylene-d12	23.568	264	1468587	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	53618	6.664	ng/uL	-0.01
4) Pyridine-d5	3.669	84	410068	17.317	ng/ul	-0.01
7) Phenol-d5	6.893	99	507516	18.090	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	327049	18.873	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	386679	18.756	ng/ul	-0.02
15) 4-Methylphenol-d8	8.422	113	399650	18.139	ng/ul	-0.02
21) Nitrobenzene-d5	8.881	128	200881	19.439	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	217625	19.535	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	381845	20.140	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.651	131	601115	19.090	ng/ul	-0.01
46) Dimethylphthalate-d6	13.786	166	1145359	18.871	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1315651	18.953	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	230918	18.346	ng/ul	0.00
60) Fluorene-d10	15.363	176	973466	19.086	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	185794	18.098	ng/ul	0.00
73) Anthracene-d10	17.215	188	1485058	19.645	ng/ul	0.00
81) Pyrene-d10	19.515	212	1694465	19.404	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.427	264	1471533	19.064	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	59103	7.096	ng/uL	95
5) Pyridine	3.693	79	426503	17.366	ng/ul	99
6) Benzaldehyde	6.881	77	286444	23.441	ng/ul	97
8) Phenol	6.916	94	521908	18.228	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.163	93	433550	18.441	ng/ul	97
12) 2-Chlorophenol	7.287	128	397931	18.713	ng/ul	99
13) 2-Methylphenol	8.157	108	391127	18.001	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.245	45	617006	19.872	ng/ul	97
16) Acetophenone	8.545	105	655870	19.194	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.534	70	347294	19.672	ng/ul	96
18) 4-Methylphenol	8.487	108	430997	18.223	ng/ul	97
19) Hexachloroethane	8.781	117	160834	18.464	ng/ul	95
22) Nitrobenzene	8.922	77	487067	19.875	ng/ul	97
23) Isophorone	9.445	82	972742	19.456	ng/ul	98
25) 2-Nitrophenol	9.628	139	234780	19.332	ng/ul	100
26) 2,4-Dimethylphenol	9.687	107	423421	19.161	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.934	93	602312	19.155	ng/ul	99
29) 2,4-Dichlorophenol	10.151	162	379599	20.055	ng/ul	99
30) Naphthalene	10.551	128	1360419	19.573	ng/ul	100
32) 4-Chloroaniline	10.675	127	579394	19.086	ng/ul	99
33) Hexachlorobutadiene	10.822	225	217890	20.538	ng/ul	98
34) Caprolactam	11.457	113	130378	17.687	ng/ul	97
35) 4-Chloro-3-methylphenol	11.792	107	430736	19.623	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.169	142	926026	20.035	ng/ul	100
37) 1-Methylnaphthalene	12.392	142	902295	19.789	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.539	216	432853	19.664	ng/ul	98
40) Hexachlorocyclopentadiene	12.510	237	305271	20.891	ng/ul	99
41) 2,4,6-Trichlorophenol	12.786	196	295466	19.147	ng/ul	100
42) 2,4,5-Trichlorophenol	12.857	196	319292	19.307	ng/ul	96
43) 1,1'-Biphenyl	13.192	154	1182706	19.249	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	927462	19.236	ng/ul	99
45) 2-Nitroaniline	13.451	65	292853	19.347	ng/ul	97
47) Dimethylphthalate	13.833	163	1156187	18.720	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	230326	18.670	ng/ul	98
50) Acenaphthylene	14.086	152	1570665	19.414	ng/ul	99
51) 3-Nitroaniline	14.286	138	254431	19.094	ng/ul	98
52) Acenaphthene	14.427	153	1023889	19.251	ng/ul	98
53) 2,4-Dinitrophenol	14.492	184	140154	17.761	ng/ul	97
55) 4-Nitrophenol	14.592	109	166494	18.879	ng/ul	98
56) Dibenzofuran	14.769	168	1379386	19.497	ng/ul	97
57) 2,4-Dinitrotoluene	14.745	165	333841	18.747	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.992	232	266476	19.471	ng/ul	98
59) Diethylphthalate	15.204	149	1181272	18.429	ng/ul	99
61) Fluorene	15.422	166	1133319	19.587	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	535513	19.941	ng/ul	96
63) 4-Nitroaniline	15.457	138	255386m	20.053	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.504	198	202337	18.444	ng/ul	96
67) N-Nitrosodiphenylamine	15.633	169	935138	19.633	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	315750	19.961	ng/ul	97
69) Hexachlorobenzene	16.416	284	372513	20.675	ng/ul	94
70) Atrazine	16.598	200	307494	19.755	ng/ul	99
71) Pentachlorophenol	16.763	266	226965	19.077	ng/ul	97
72) Phenanthrene	17.163	178	1745508	19.456	ng/ul	99
74) Anthracene	17.251	178	1789461	19.723	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	424345	20.089	ng/uL	100
76) Pentachlorobenzene	14.680	250	420198	20.576	ng/uL	99
77) Carbazole	17.527	167	1672101	19.612	ng/ul	99
78) Di-n-butylphthalate	18.104	149	2071189	18.060	ng/ul	100
80) Fluoranthene	19.180	202	1997099	19.203	ng/ul	99
82) Pyrene	19.545	202	2114704	19.531	ng/ul	99
83) Butylbenzylphthalate	20.462	149	918193	17.247	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	634758	20.610	ng/ul	98
85) Benzo(a)anthracene	21.298	228	2019898	18.891	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.245	149	1410123	18.166	ng/ul	100
87) Chrysene	21.351	228	1858366	18.773	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	2371863	18.047	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1871245	19.042	ng/ul	99
91) Benzo(k)fluoranthene	22.939	252	1863192	19.359	ng/ul	99
93) Benzo(a)pyrene	23.474	252	1723595	18.750	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.850	276	1846873	17.913	ng/ul	99
95) Dibenzo(a,h)anthracene	25.868	278	1576510	18.338	ng/ul	98
96) Benzo(g,h,i)perylene	26.544	276	1427954	17.355	ng/ul	98

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

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