Quantitation Report (Qedit)

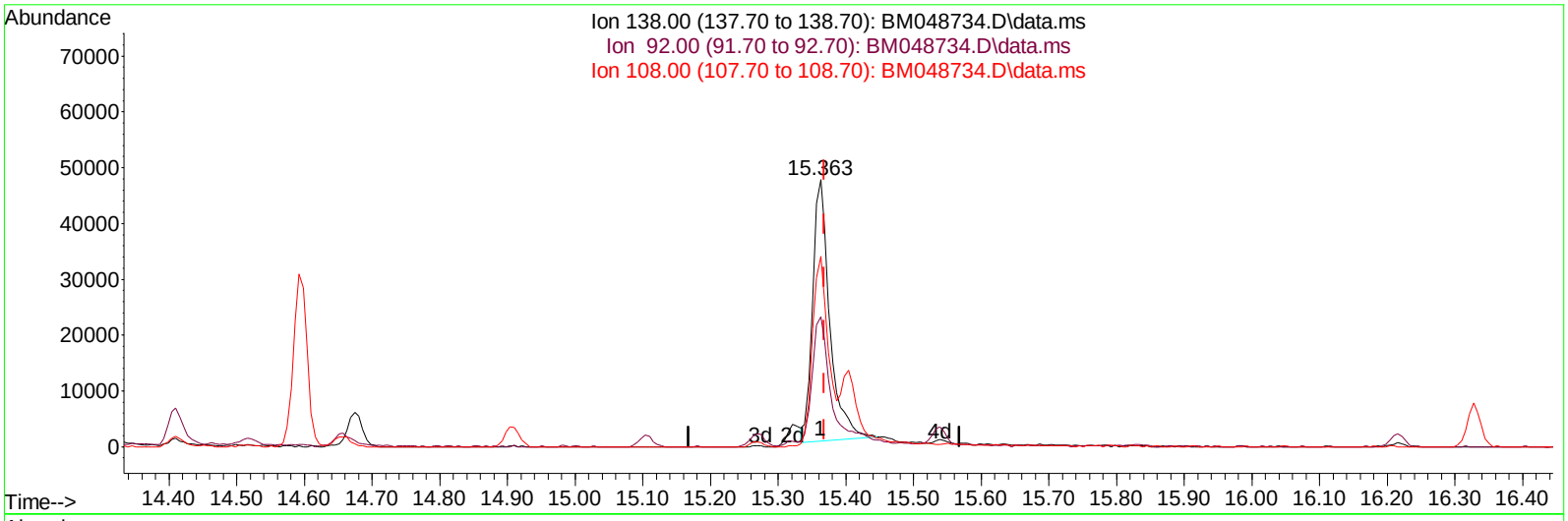
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
Data File : BM048734.D
Acq On : 16 Nov 2024 08:19
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

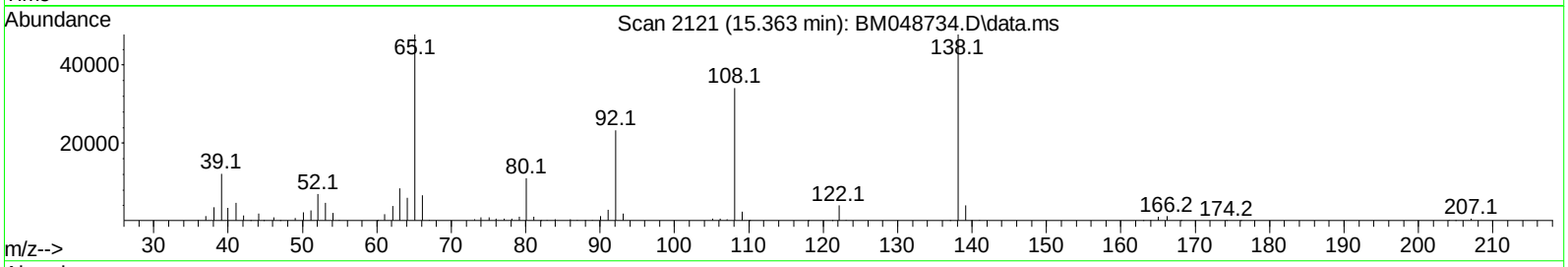
Quant Time: Nov 16 10:54:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 16:55:33 2024
Response via : Initial Calibration

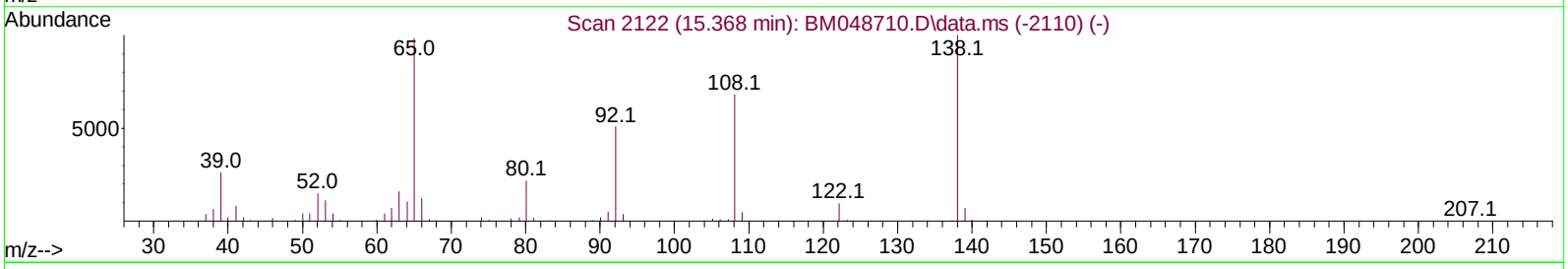
Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024







TIC: BM048734.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 18.76 ng/ul

response 82739

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.60	48.69
108.00	73.10	71.43
0.00	0.00	0.00

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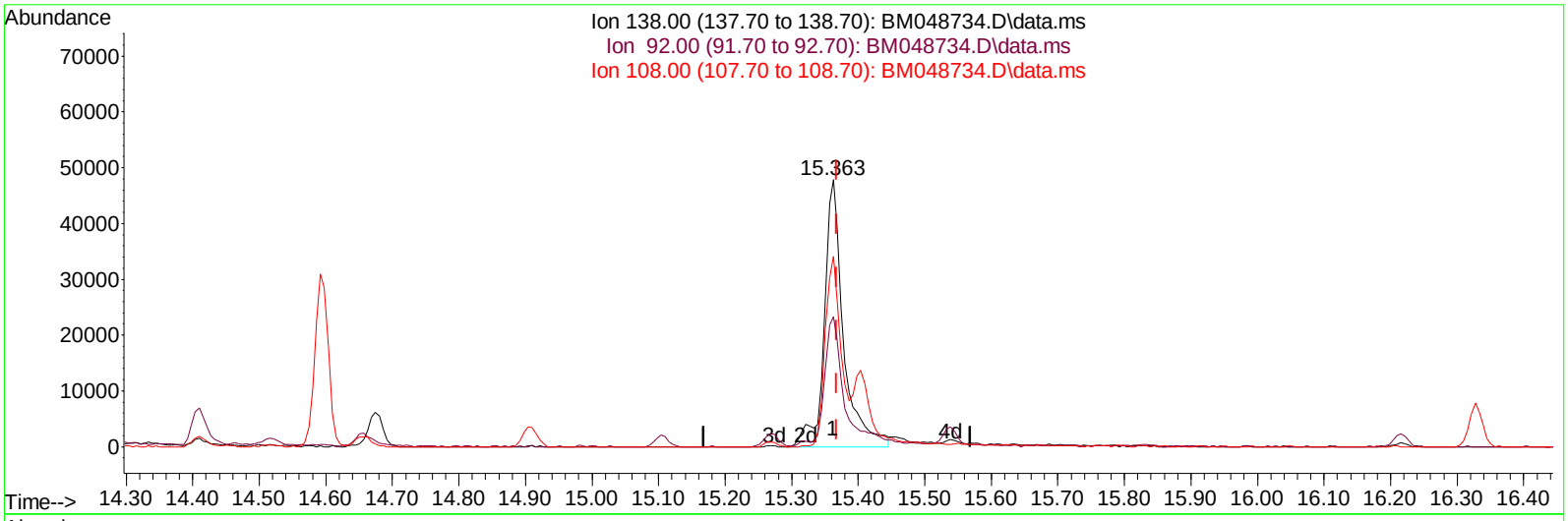

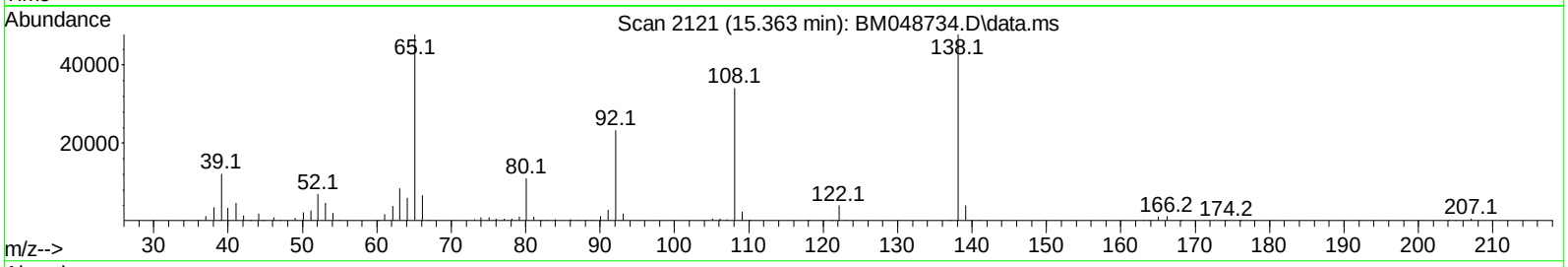

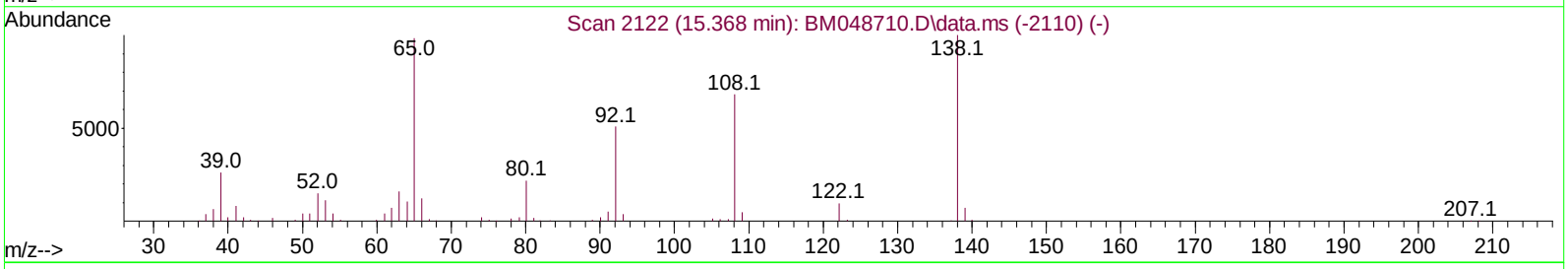

TIC: BM048734.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 21.86 ng/ul m

response 96414

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.60	48.69
108.00	73.10	71.43
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	141124	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	559934	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.274	164	337365	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.021	188	670781	20.000	ng/ul	0.00
79) Chrysene-d12	21.245	240	685646	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	819281	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	26955	7.614	ng/uL	0.00
4) Pyridine-d5	3.499	84	186502	19.117	ng/ul	0.00
7) Phenol-d5	6.804	99	212898	19.817	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.957	67	127028	19.686	ng/ul	0.00
11) 2-Chlorophenol-d4	7.157	132	186432	20.950	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	169585	20.076	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	87319	21.516	ng/ul	0.00
24) 2-Nitrophenol-d4	9.498	143	91877	21.284	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	171721	21.414	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	232149	20.381	ng/ul	0.00
46) Dimethylphthalate-d6	13.686	166	461757	21.442	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	550112	21.666	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	79491	19.873	ng/ul	0.00
60) Fluorene-d10	15.268	176	401930	21.381	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	69501	20.596	ng/ul	0.00
73) Anthracene-d10	17.121	188	619833	21.836	ng/ul	0.00
81) Pyrene-d10	19.421	212	730554	21.231	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	828028	21.631	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.116	88	29830	7.678	ng/uL	97
5) Pyridine	3.516	79	194377	19.409	ng/ul	96
6) Benzaldehyde	6.769	77	129963	24.481	ng/ul	96
8) Phenol	6.828	94	226651	20.108	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.051	93	178132	20.110	ng/ul	97
12) 2-Chlorophenol	7.187	128	191749	20.799	ng/ul	98
13) 2-Methylphenol	8.075	108	168400	20.183	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.140	45	261128	20.046	ng/ul	98
16) Acetophenone	8.445	105	268664	20.404	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	129167	20.874	ng/ul	99
18) 4-Methylphenol	8.404	108	185506	20.305	ng/ul	99
19) Hexachloroethane	8.687	117	80472	20.655	ng/ul	99
22) Nitrobenzene	8.822	77	193360	21.013	ng/ul	96
23) Isophorone	9.345	82	360065	21.154	ng/ul	99
25) 2-Nitrophenol	9.528	139	101182	21.508	ng/ul	98
26) 2,4-Dimethylphenol	9.598	107	186504	21.225	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.828	93	224651	21.145	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	173968	21.387	ng/ul	96
30) Naphthalene	10.451	128	589355	20.795	ng/ul	99
32) 4-Chloroaniline	10.575	127	218974	20.389	ng/ul	100
33) Hexachlorobutadiene	10.739	225	116190	21.108	ng/ul	99
34) Caprolactam	11.357	113	52116	20.329	ng/ul	87
35) 4-Chloro-3-methylphenol	11.716	107	168056	21.351	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	383740	21.162	ng/ul	98
37) 1-Methylnaphthalene	12.298	142	392896	21.112	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	206839	21.395	ng/ul	99
40) Hexachlorocyclopentadiene	12.427	237	107331	21.720	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	131426	21.522	ng/ul	98
42) 2,4,5-Trichlorophenol	12.780	196	139687	21.480	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	492904	21.368	ng/ul	99
44) 2-Chloronaphthalene	13.139	162	390725	21.465	ng/ul	99
45) 2-Nitroaniline	13.363	65	97257	21.276	ng/ul	93
47) Dimethylphthalate	13.739	163	464027	21.450	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	92925	22.533	ng/ul	100
50) Acenaphthylene	13.992	152	599835	21.432	ng/ul	100
51) 3-Nitroaniline	14.192	138	97636	21.801	ng/ul	95
52) Acenaphthene	14.339	153	416478	21.137	ng/ul	100
53) 2,4-Dinitrophenol	14.410	184	42927	19.359	ng/ul	94
55) 4-Nitrophenol	14.516	109	57101	19.746	ng/ul	97
56) Dibenzofuran	14.674	168	581738	21.402	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	135938	22.677	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.910	232	117568	21.734	ng/ul	97
59) Diethylphthalate	15.104	149	464056	21.773	ng/ul	99
61) Fluorene	15.327	166	458335	21.298	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.321	204	227080	21.418	ng/ul	99
63) 4-Nitroaniline	15.363	138	96414m	21.863	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.421	198	76920	20.947	ng/ul#	96
67) N-Nitrosodiphenylamine	15.539	169	383046	21.666	ng/ul	100
68) 4-Bromophenyl-phenylether	16.215	248	137441	21.726	ng/ul	97
69) Hexachlorobenzene	16.327	284	165144	21.630	ng/ul	99
70) Atrazine	16.498	200	139704	21.712	ng/ul	99
71) Pentachlorophenol	16.680	266	103855	21.403	ng/ul	99
72) Phenanthrene	17.062	178	715245	21.500	ng/ul	100
74) Anthracene	17.157	178	734387	21.996	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	202612	21.174	ng/uL	99
76) Pentachlorobenzene	14.598	250	199463	21.394	ng/uL	97
77) Carbazole	17.433	167	668071	22.215	ng/ul	99
78) Di-n-butylphthalate	17.992	149	792313	22.409	ng/ul	100
80) Fluoranthene	19.086	202	850001	21.290	ng/ul	99
82) Pyrene	19.445	202	924532	21.356	ng/ul	99
83) Butylbenzylphthalate	20.351	149	369922	22.245	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.162	252	289763	23.260	ng/ul	99
85) Benzo(a)anthracene	21.227	228	943640	21.832	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.156	149	550671	22.700	ng/ul	99
87) Chrysene	21.286	228	897737	21.615	ng/ul	100
89) Di-n-octyl phthalate	22.244	149	978230	21.180	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	974075	21.598	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	969925	21.570	ng/ul	99
93) Benzo(a)pyrene	23.991	252	924005	21.791	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.368	276	1193367	21.656	ng/ul	99
95) Dibenzo(a,h)anthracene	27.415	278	970926	21.572	ng/ul	100
96) Benzo(g,h,i)perylene	28.374	276	931834	21.567	ng/ul	99

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

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