Quantitation Report (Qedit)

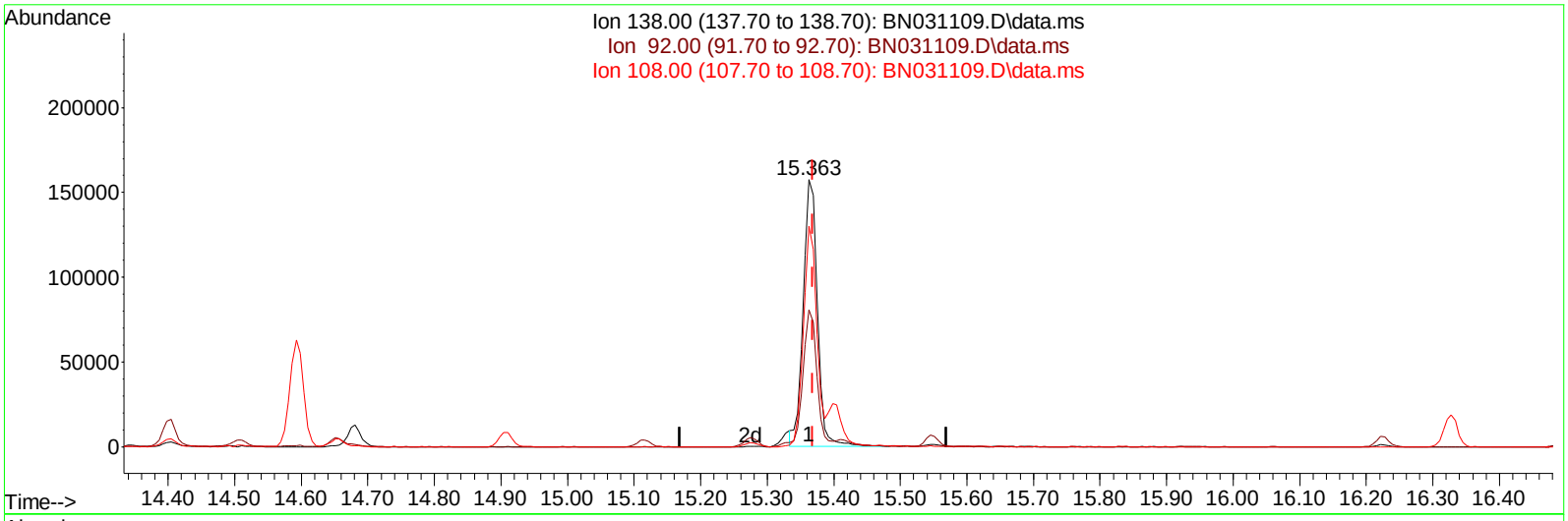
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031109.D
Acq On : 21 Apr 2024 15:07
Operator : MA/JU
Sample : PB160363BS
Misc :
ALS Vial : 60 Sample Multiplier: 1

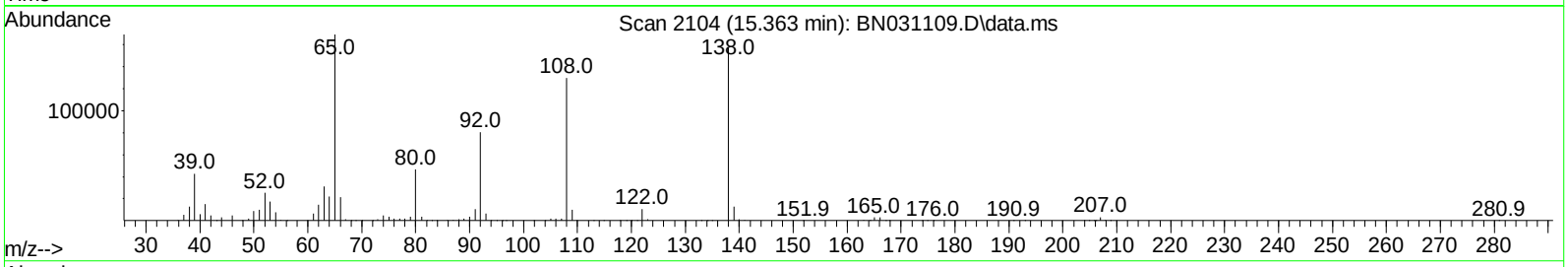
Quant Time: Apr 21 22:21:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

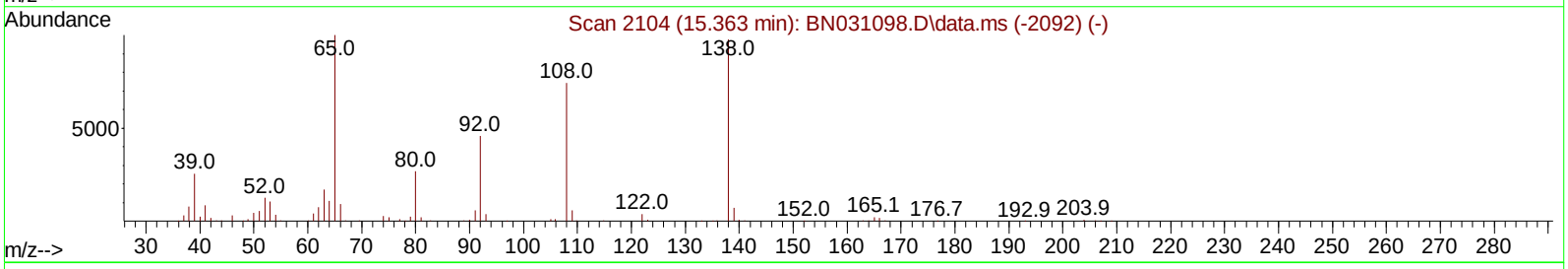
Instrument :
BNA_N
ClientSampleId :
SLCS363

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024







TIC: BN031109.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 32.67 ng/ul

response 231744

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	51.21
108.00	79.80	82.53
0.00	0.00	0.00

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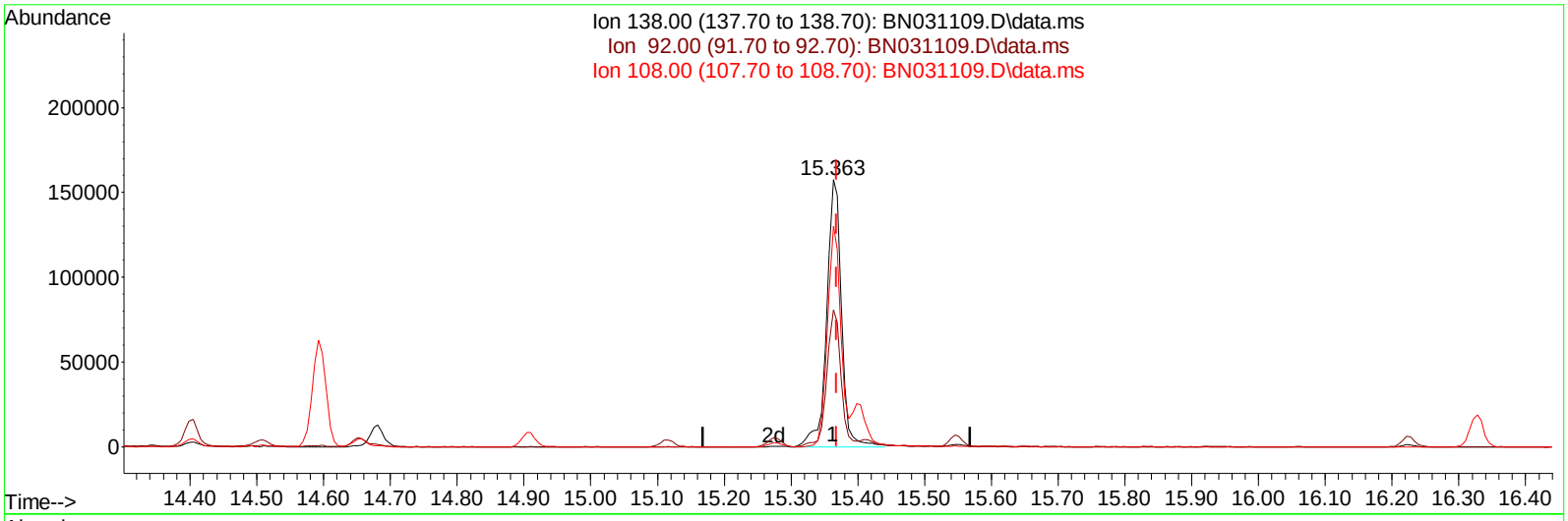

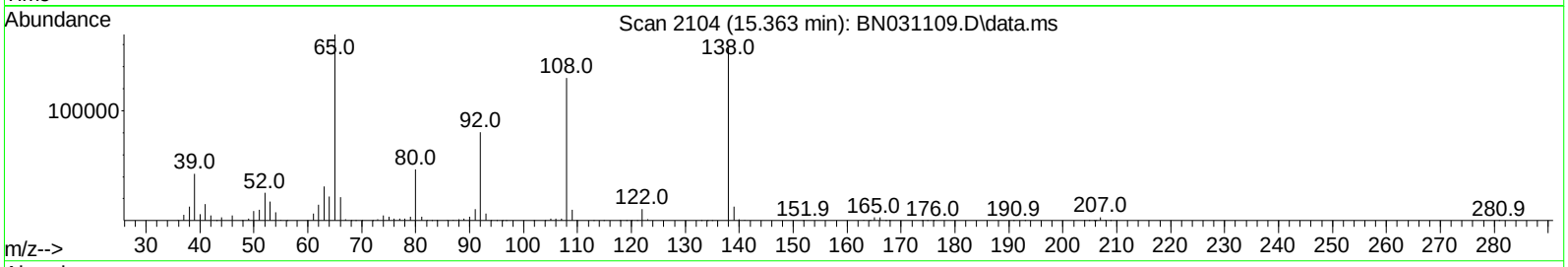

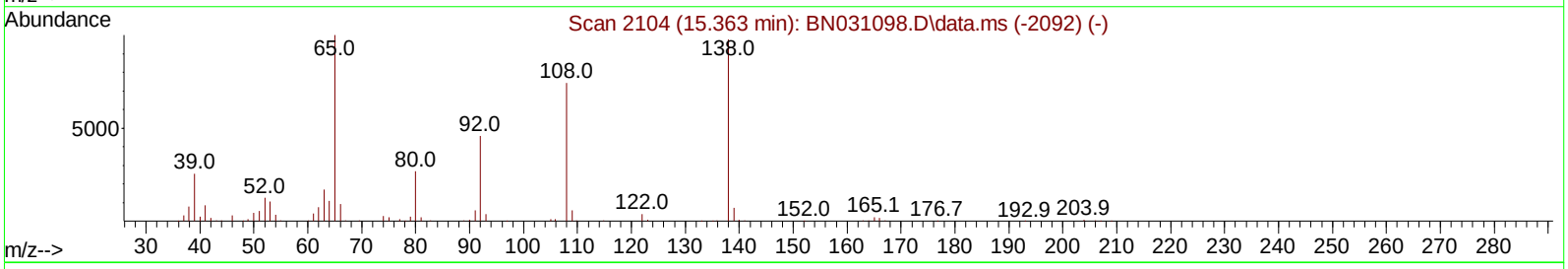

TIC: BN031109.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 34.16 ng/ul m

response 242302

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	51.21
108.00	79.80	82.53
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	7.634	152	139221	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	629762	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	425267	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	955981	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	1068690	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1297722	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	21903	7.350	ng/uL	0.00
4) Pyridine-d5	3.546	84	251472	29.303	ng/ul	0.00
7) Phenol-d5	6.805	99	364204	31.011	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	208035	30.446	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	286748	31.358	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	293083	29.674	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	145133	32.075	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	147737	31.411	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	294065	31.704	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	329855	22.757	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	937233	31.670	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	1080924	32.233	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	201518	32.626	ng/ul	0.00
60) Fluorene-d10	15.275	176	822029	31.909	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	143861	29.827	ng/ul	0.00
73) Anthracene-d10	17.128	188	1337004	32.267	ng/ul	0.00
81) Pyrene-d10	19.433	212	1695149	32.279	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	2073696	33.697	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	30619	9.696	ng/uL	93
5) Pyridine	3.570	79	261873	30.240	ng/ul	97
6) Benzaldehyde	6.781	77	192792	33.433	ng/ul	100
8) Phenol	6.834	94	372079	30.730	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.069	93	274302	28.712	ng/ul	99
12) 2-Chlorophenol	7.199	128	290837	30.599	ng/ul	99
13) 2-Methylphenol	8.075	108	273105	29.106	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.158	45	362206	29.080	ng/ul	99
16) Acetophenone	8.452	105	438537	28.657	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.440	70	213141	27.943	ng/ul	99
18) 4-Methylphenol	8.405	108	311124	29.601	ng/ul	96
19) Hexachloroethane	8.699	117	113116	28.680	ng/ul	98
22) Nitrobenzene	8.828	77	321300	30.086	ng/ul	99
23) Isophorone	9.352	82	613365	28.144	ng/ul	99
25) 2-Nitrophenol	9.534	139	161504	31.036	ng/ul	93
26) 2,4-Dimethylphenol	9.599	107	283667	26.729	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.840	93	382583	28.901	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	291816	31.499	ng/ul	100
30) Naphthalene	10.463	128	970255	29.728	ng/ul	99
32) 4-Chloroaniline	10.581	127	355932	25.273	ng/ul	99
33) Hexachlorobutadiene	10.740	225	161555	28.606	ng/ul	97
34) Caprolactam	11.357	113	101155	27.713	ng/ul	90
35) 4-Chloro-3-methylphenol	11.710	107	329351	30.662	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.081	142	685633	29.789	ng/ul	97
37) 1-Methylnaphthalene	12.304	142	691921	29.710	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.451	216	346094	31.101	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	136548	22.338	ng/ul	93
41) 2,4,6-Trichlorophenol	12.698	196	222326	30.016	ng/ul	92
42) 2,4,5-Trichlorophenol	12.769	196	258735	31.506	ng/ul	95
43) 1,1'-Biphenyl	13.110	154	898758	30.729	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	705007	30.165	ng/ul	99
45) 2-Nitroaniline	13.363	65	207069	32.093	ng/ul	99
47) Dimethylphthalate	13.745	163	901132	29.516	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	179808	31.375	ng/ul	98
50) Acenaphthylene	13.998	152	1157974	29.561	ng/ul	100
51) 3-Nitroaniline	14.198	138	209981	31.916	ng/ul	95
52) Acenaphthene	14.345	153	762553	29.365	ng/ul	97
53) 2,4-Dinitrophenol	14.404	184	83870	25.878	ng/ul	98
55) 4-Nitrophenol	14.510	109	156795	31.280	ng/ul	98
56) Dibenzofuran	14.681	168	1087538	30.291	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	278556	31.989	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	214311	30.196	ng/ul	95
59) Diethylphthalate	15.116	149	936907	29.840	ng/ul	99
61) Fluorene	15.334	166	870130	29.449	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.328	204	416688	29.608	ng/ul	95
63) 4-Nitroaniline	15.363	138	242302m	34.158	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	153152	29.572	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	789696	30.819	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	267959	29.639	ng/ul	92
69) Hexachlorobenzene	16.328	284	311313	29.869	ng/ul	98
70) Atrazine	16.504	200	135471	15.059	ng/ul	95
71) Pentachlorophenol	16.681	266	198341	29.290	ng/ul	94
72) Phenanthrene	17.069	178	1524169	30.143	ng/ul	98
74) Anthracene	17.163	178	1511843	29.545	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	344114	30.688	ng/uL	96
76) Pentachlorobenzene	14.592	250	344052	29.713	ng/uL	98
77) Carbazole	17.439	167	1486925	31.812	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1741565	30.568	ng/ul	99
80) Fluoranthene	19.098	202	1902462	30.610	ng/ul	99
82) Pyrene	19.463	202	2037028	31.193	ng/ul	99
83) Butylbenzylphthalate	20.375	149	889289	30.862	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.180	252	662422	29.748	ng/ul	94
85) Benzo(a)anthracene	21.251	228	2198604	30.296	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	1297040	29.979	ng/ul	99
87) Chrysene	21.310	228	2165820	31.441	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2473901	33.073	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2366678	32.412	ng/ul	96
91) Benzo(k)fluoranthene	23.316	252	2451582	33.383	ng/ul	98
93) Benzo(a)pyrene	24.039	252	2085598	28.632	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.421	276	2779694	30.752	ng/ul	99
95) Dibenzo(a,h)anthracene	27.480	278	2269781	30.594	ng/ul	95
96) Benzo(g,h,i)perylene	28.439	276	2138358	29.377	ng/ul	100

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

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