Quantitation Report (Qedit)

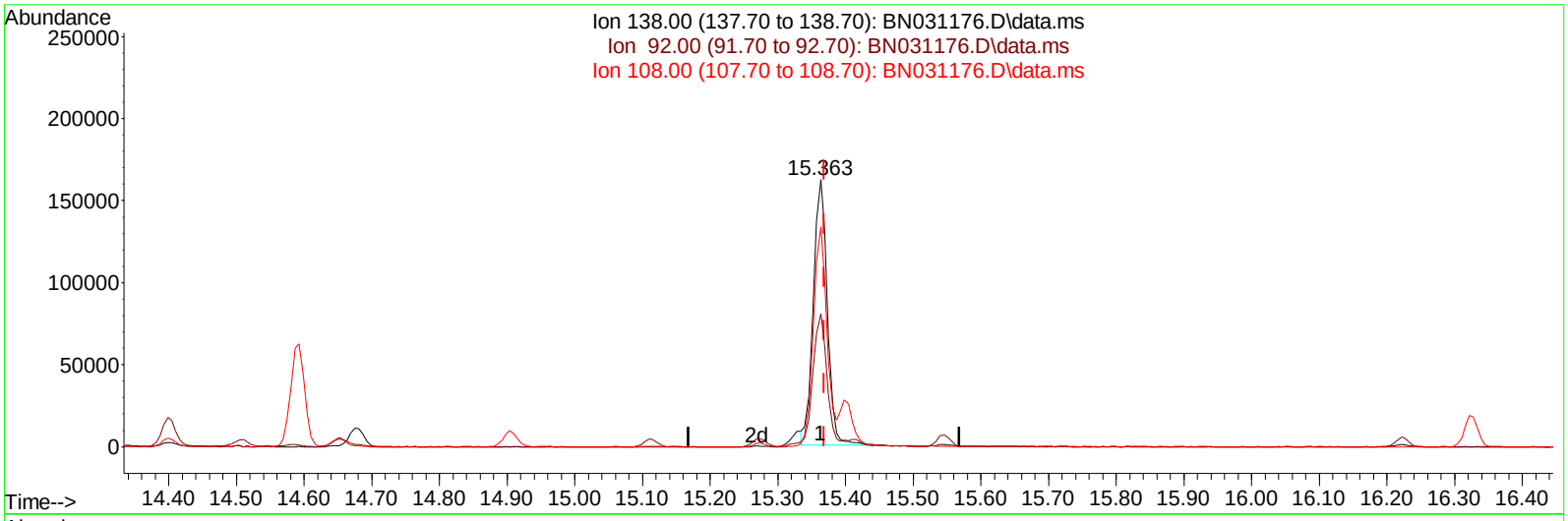
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031176.D
Acq On : 24 Apr 2024 05:30
Operator : MA/JU
Sample : PB160440BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

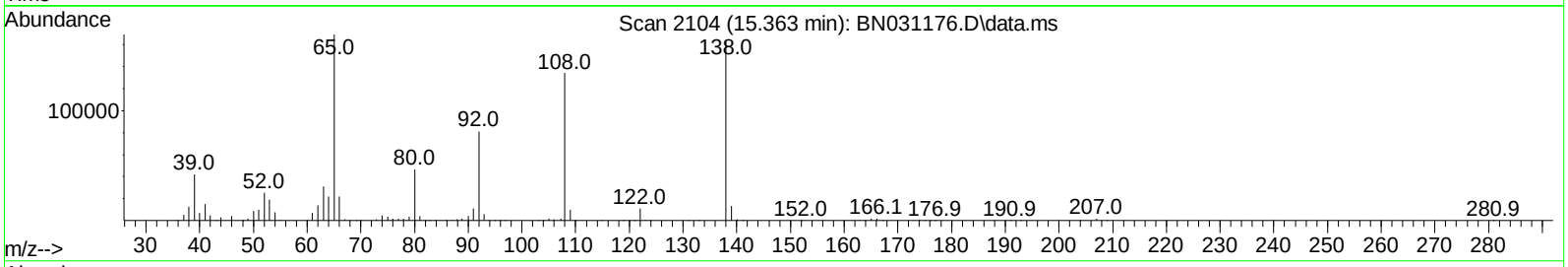
Quant Time: Apr 24 06:50:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

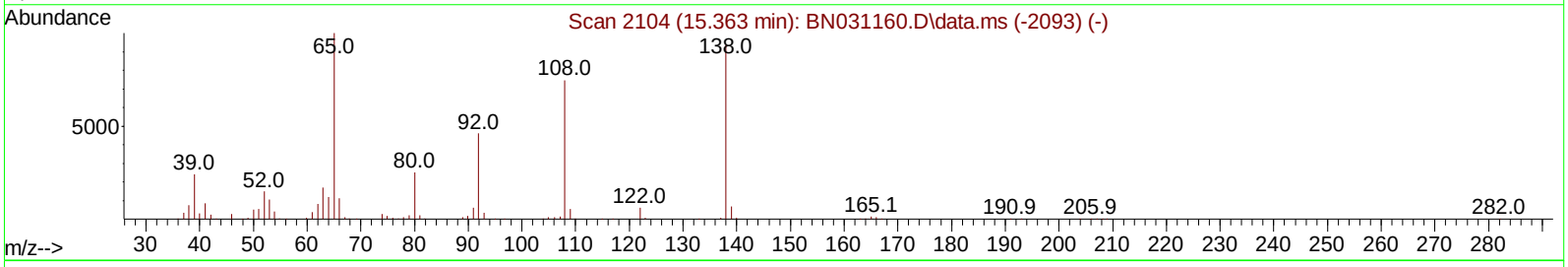
Instrument :
BNA_N
ClientSampleId :
SLCS440

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :Sohil Jodhani 04/24/2024







TIC: BN031176.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 32.11 ng/ul

response 233105

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	49.89
108.00	79.80	82.42
0.00	0.00	0.00

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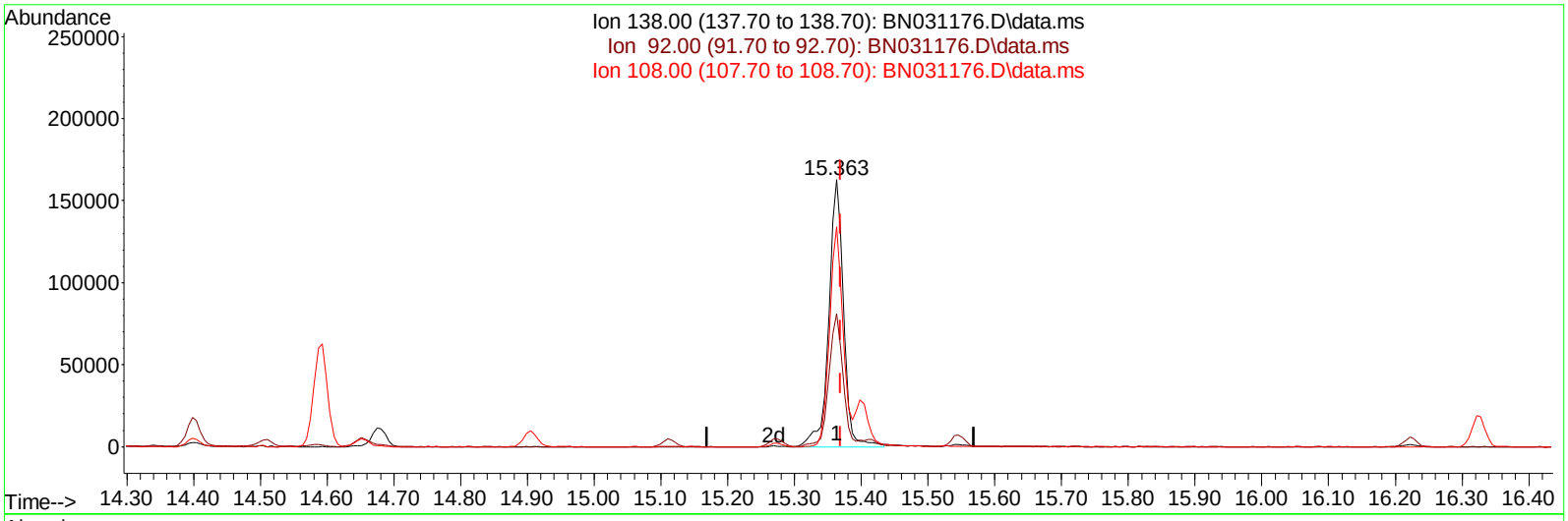

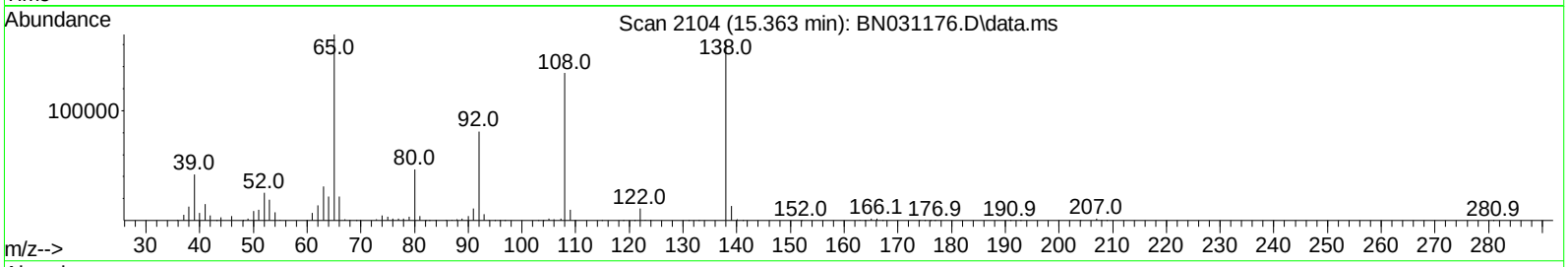

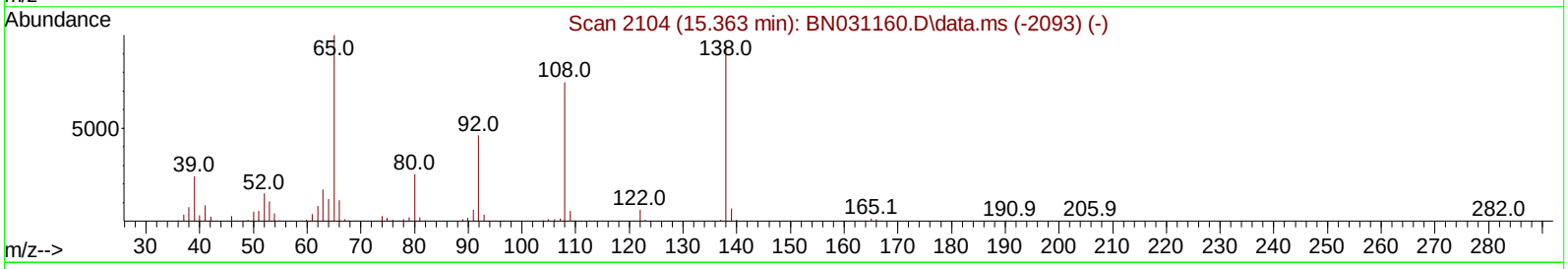

TIC: BN031176.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 34.30 ng/ul m

response 248999

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	49.89
108.00	79.80	82.42
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	7.628	152	139125	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.410	136	638032	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	435263	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	984131	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	1103543	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1308306	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	20796	6.984	ng/uL	0.00
4) Pyridine-d5	3.546	84	255107	29.747	ng/ul	0.00
7) Phenol-d5	6.805	99	367740	31.334	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	203908	29.863	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.164	132	294696	32.250	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	295989	29.989	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	146075	31.865	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	158774	33.320	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	297298	31.637	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	404493	27.545	ng/ul	-0.01
46) Dimethylphthalate-d6	13.693	166	918422	30.322	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	1070469	31.188	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	202133	31.974	ng/ul	0.00
60) Fluorene-d10	15.275	176	807256	30.616	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	147884	29.784	ng/ul	0.00
73) Anthracene-d10	17.128	188	1355455	31.777	ng/ul	0.00
81) Pyrene-d10	19.428	212	1718742	31.695	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	2077690	33.489	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	30277	9.594	ng/uL	93
5) Pyridine	3.570	79	251050	29.010	ng/ul	95
6) Benzaldehyde	6.781	77	191593	33.248	ng/ul	98
8) Phenol	6.834	94	371791	30.727	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.064	93	273955	28.695	ng/ul	98
12) 2-Chlorophenol	7.193	128	298379	31.414	ng/ul	99
13) 2-Methylphenol	8.075	108	281229	29.992	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	359316	28.868	ng/ul	100
16) Acetophenone	8.452	105	433211	28.329	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.434	70	214369	28.124	ng/ul	99
18) 4-Methylphenol	8.399	108	307617	29.288	ng/ul	100
19) Hexachloroethane	8.693	117	115803	29.381	ng/ul	96
22) Nitrobenzene	8.828	77	327003	30.223	ng/ul	100
23) Isophorone	9.352	82	619834	28.072	ng/ul	100
25) 2-Nitrophenol	9.534	139	173020	32.818	ng/ul	95
26) 2,4-Dimethylphenol	9.593	107	285130	26.519	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.834	93	382992	28.557	ng/ul	99
29) 2,4-Dichlorophenol	10.057	162	293014	31.219	ng/ul	100
30) Naphthalene	10.457	128	965404	29.196	ng/ul	99
32) 4-Chloroaniline	10.575	127	368655	25.837	ng/ul	98
33) Hexachlorobutadiene	10.734	225	164602	28.768	ng/ul	93
34) Caprolactam	11.357	113	109868	29.710	ng/ul	90
35) 4-Chloro-3-methylphenol	11.704	107	333270	30.625	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.081	142	678559	29.100	ng/ul	99
37) 1-Methylnaphthalene	12.299	142	685680	29.060	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.451	216	345756	30.357	ng/ul	99
40) Hexachlorocyclopentadiene	12.422	237	134280	21.463	ng/ul	96
41) 2,4,6-Trichlorophenol	12.699	196	240073	31.667	ng/ul	93
42) 2,4,5-Trichlorophenol	12.769	196	264320	31.447	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	895089	29.901	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	708237	29.607	ng/ul	97
45) 2-Nitroaniline	13.363	65	214069	32.416	ng/ul	96
47) Dimethylphthalate	13.740	163	899598	28.790	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	183149	31.224	ng/ul	99
50) Acenaphthylene	13.998	152	1176902	29.354	ng/ul	99
51) 3-Nitroaniline	14.193	138	213241	31.667	ng/ul	96
52) Acenaphthene	14.340	153	757473	28.500	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	94737	28.560	ng/ul	97
55) 4-Nitrophenol	14.510	109	162123	31.600	ng/ul	98
56) Dibenzofuran	14.681	168	1081656	29.435	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	287950	32.309	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.904	232	231441	31.861	ng/ul	98
59) Diethylphthalate	15.110	149	929755	28.932	ng/ul	99
61) Fluorene	15.328	166	891733	29.487	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.328	204	424164	29.447	ng/ul	99
63) 4-Nitroaniline	15.363	138	248999m	34.296	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	161139	30.225	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	792126	30.030	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	272512	29.280	ng/ul	89
69) Hexachlorobenzene	16.328	284	323082	30.112	ng/ul	97
70) Atrazine	16.504	200	275053	29.701	ng/ul	98
71) Pentachlorophenol	16.675	266	218401	31.330	ng/ul	94
72) Phenanthrene	17.069	178	1529745	29.388	ng/ul	99
74) Anthracene	17.163	178	1547808	29.383	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	354189	30.683	ng/uL	99
76) Pentachlorobenzene	14.593	250	343523	28.818	ng/uL	95
77) Carbazole	17.439	167	1533763	31.875	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1804613	30.769	ng/ul	99
80) Fluoranthene	19.092	202	1965769	30.629	ng/ul	99
82) Pyrene	19.457	202	2113635	31.344	ng/ul	99
83) Butylbenzylphthalate	20.375	149	947570	31.846	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.180	252	712894	31.003	ng/ul	99
85) Benzo(a)anthracene	21.251	228	2300672	30.701	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.175	149	1380983	30.911	ng/ul	98
87) Chrysene	21.310	228	2122598	29.840	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	2660306	35.277	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2425749	32.953	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	2401319	32.434	ng/ul	97
93) Benzo(a)pyrene	24.033	252	2088641	28.441	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.421	276	2653648	29.120	ng/ul	99
95) Dibenzo(a,h)anthracene	27.480	278	2178438	29.125	ng/ul	99
96) Benzo(g,h,i)perylene	28.439	276	2043822	27.851	ng/ul	98

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

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