Quantitation Report (Qedit)

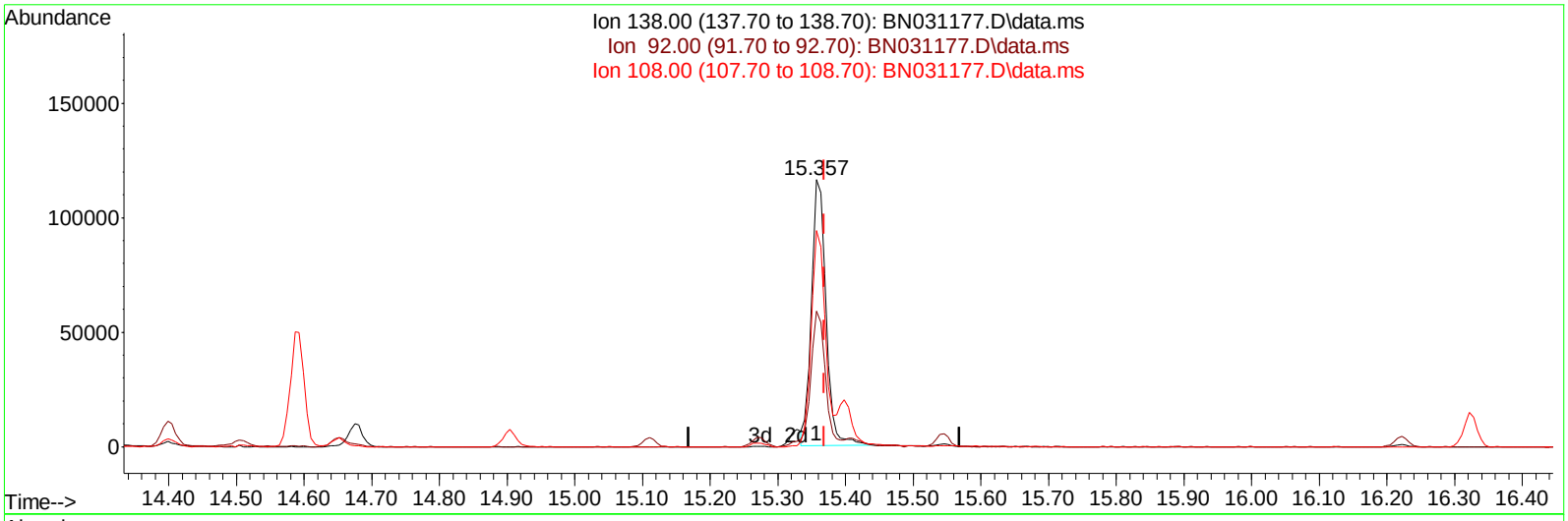
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031177.D
Acq On : 24 Apr 2024 06:50
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 68 Sample Multiplier: 1

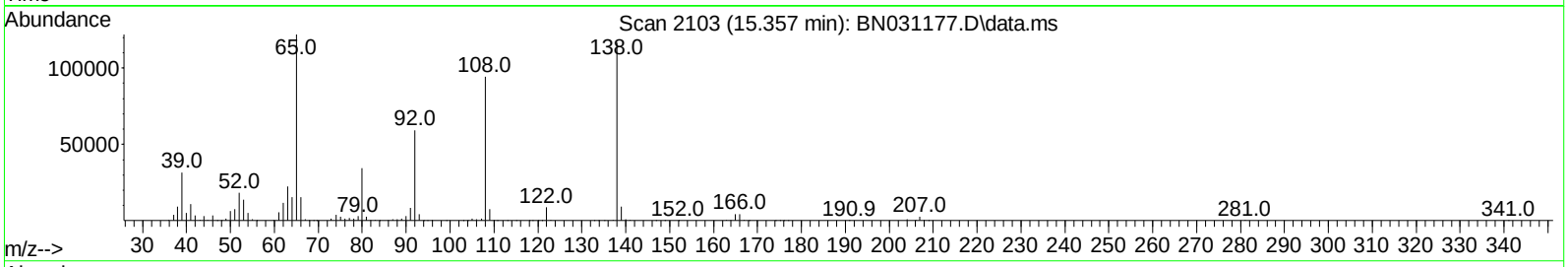
Quant Time: Apr 24 07:26:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

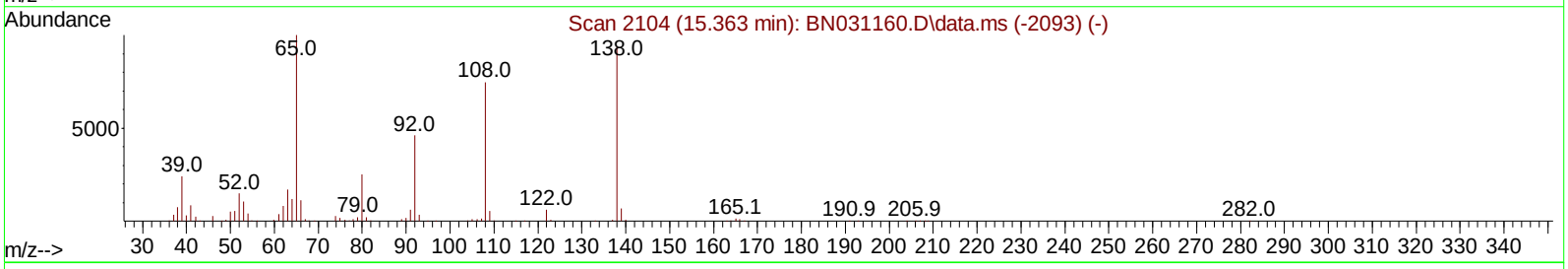
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BN031177.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.012) 21.62 ng/ul

response 174108

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	50.92
108.00	79.80	80.89
0.00	0.00	0.00

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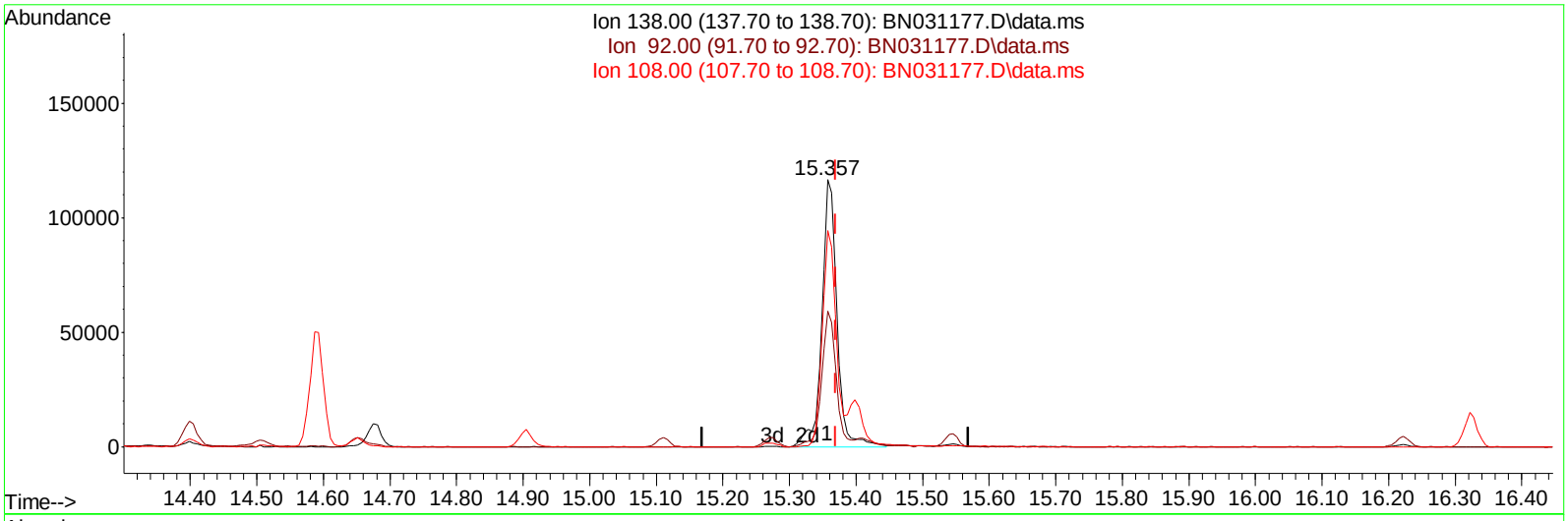

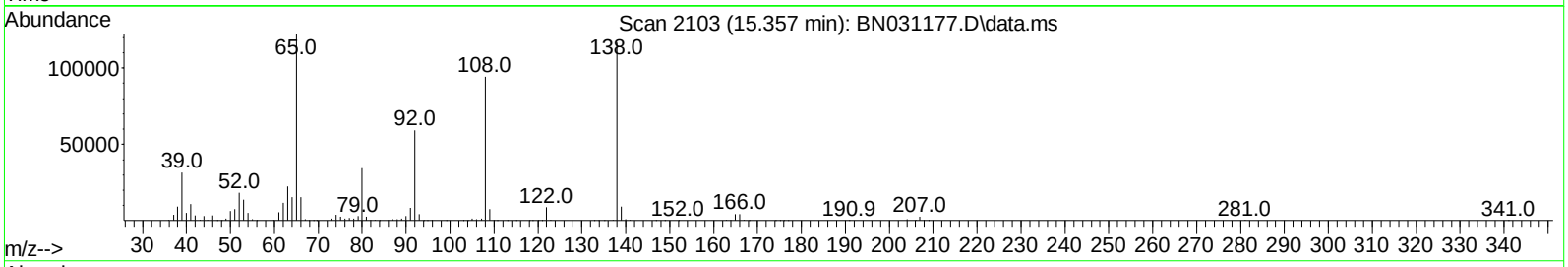

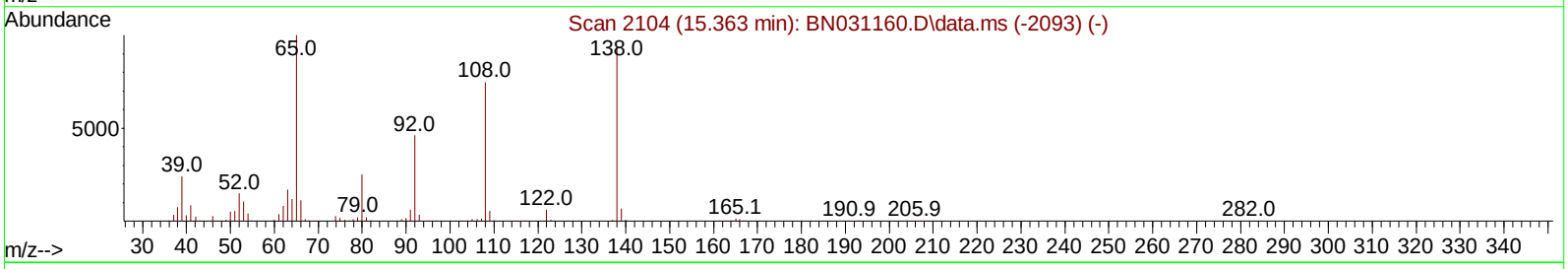

TIC: BN031177.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.012) 23.17 ng/ul m

response 186648

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	50.92
108.00	79.80	80.89
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	153845	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.410	136	718513	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	482904	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	1080599	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	1214575	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1382082	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	25779	7.829	ng/uL	0.00
4) Pyridine-d5	3.552	84	188508	19.878	ng/ul	0.00
7) Phenol-d5	6.805	99	267231	20.591	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	155733	20.625	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.164	132	212532	21.033	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	221982	20.339	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	108986	21.111	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	115881	21.594	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	224386	21.204	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	341466	20.648	ng/ul	-0.01
46) Dimethylphthalate-d6	13.693	166	687391	20.456	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	812022	21.324	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	144410	20.589	ng/ul	0.00
60) Fluorene-d10	15.275	176	624935	21.363	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	105096	19.277	ng/ul	0.00
73) Anthracene-d10	17.128	188	1009089	21.545	ng/ul	0.00
81) Pyrene-d10	19.428	212	1310313	21.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1388535	21.186	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	27516	7.885	ng/uL	95
5) Pyridine	3.570	79	200135	20.914	ng/ul	98
6) Benzaldehyde	6.781	77	155544	24.409	ng/ul	99
8) Phenol	6.828	94	276772	20.685	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.064	93	219499	20.792	ng/ul	99
12) 2-Chlorophenol	7.193	128	222111	21.147	ng/ul	98
13) 2-Methylphenol	8.069	108	210075	20.260	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.152	45	286486	20.814	ng/ul	99
16) Acetophenone	8.452	105	347018	20.521	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.434	70	167457	19.867	ng/ul	98
18) 4-Methylphenol	8.399	108	236426	20.356	ng/ul	98
19) Hexachloroethane	8.693	117	91885	21.082	ng/ul	97
22) Nitrobenzene	8.828	77	260635	21.391	ng/ul	99
23) Isophorone	9.346	82	492962	19.825	ng/ul	99
25) 2-Nitrophenol	9.528	139	129718	21.849	ng/ul	95
26) 2,4-Dimethylphenol	9.593	107	250548	20.692	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.834	93	307643	20.369	ng/ul	99
29) 2,4-Dichlorophenol	10.058	162	222379	21.039	ng/ul	99
30) Naphthalene	10.458	128	772285	20.740	ng/ul	98
32) 4-Chloroaniline	10.575	127	334188	20.798	ng/ul	99
33) Hexachlorobutadiene	10.734	225	133177	20.668	ng/ul	95
34) Caprolactam	11.352	113	77983	18.726	ng/ul	98
35) 4-Chloro-3-methylphenol	11.705	107	254412	20.760	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	542730	20.668	ng/ul	95
37) 1-Methylnaphthalene	12.299	142	545183	20.518	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.446	216	272688	21.580	ng/ul	96
40) Hexachlorocyclopentadiene	12.422	237	115757	16.677	ng/ul	96
41) 2,4,6-Trichlorophenol	12.699	196	181611	21.593	ng/ul	88
42) 2,4,5-Trichlorophenol	12.769	196	200041	21.452	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	707149	21.292	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	564544	21.272	ng/ul	98
45) 2-Nitroaniline	13.363	65	159886	21.823	ng/ul	98
47) Dimethylphthalate	13.740	163	707351	20.404	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	141054	21.675	ng/ul	100
50) Acenaphthylene	13.999	152	945247	21.250	ng/ul	99
51) 3-Nitroaniline	14.193	138	162888	21.803	ng/ul	96
52) Acenaphthene	14.340	153	623050	21.129	ng/ul	99
53) 2,4-Dinitrophenol	14.399	184	59096	16.058	ng/ul	94
55) 4-Nitrophenol	14.504	109	116859	20.530	ng/ul	97
56) Dibenzofuran	14.675	168	862164	21.147	ng/ul	100
57) 2,4-Dinitrotoluene	14.651	165	211247	21.364	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.904	232	172572	21.413	ng/ul	99
59) Diethylphthalate	15.110	149	734473	20.601	ng/ul	98
61) Fluorene	15.328	166	707946	21.100	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.328	204	337246	21.103	ng/ul	99
63) 4-Nitroaniline	15.357	138	186648m	23.172	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	113512	19.391	ng/ul	97
67) N-Nitrosodiphenylamine	15.546	169	617165	21.308	ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	215523	21.090	ng/ul	98
69) Hexachlorobenzene	16.328	284	247121	20.976	ng/ul	100
70) Atrazine	16.504	200	216185	21.260	ng/ul	98
71) Pentachlorophenol	16.675	266	160638	20.987	ng/ul	97
72) Phenanthrene	17.069	178	1186759	20.764	ng/ul	98
74) Anthracene	17.163	178	1217796	21.054	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	269289	21.246	ng/uL	97
76) Pentachlorobenzene	14.593	250	279946	21.388	ng/uL	93
77) Carbazole	17.434	167	1181783	22.368	ng/ul	99
78) Di-n-butylphthalate	18.004	149	1385579	21.515	ng/ul	100
80) Fluoranthene	19.092	202	1508092	21.350	ng/ul	98
82) Pyrene	19.457	202	1611748	21.716	ng/ul	100
83) Butylbenzylphthalate	20.375	149	712260	21.749	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.180	252	534164	21.107	ng/ul	95
85) Benzo(a)anthracene	21.245	228	1722227	20.881	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	1040807	21.167	ng/ul	98
87) Chrysene	21.310	228	1626647	20.777	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	1903570	23.895	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	1760011	22.633	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1756981	22.464	ng/ul	98
93) Benzo(a)pyrene	24.027	252	1646227	21.220	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.415	276	1758058	18.262	ng/ul	98
95) Dibenzo(a,h)anthracene	27.474	278	1488577	18.839	ng/ul	96
96) Benzo(g,h,i)perylene	28.433	276	1395182	17.997	ng/ul	98

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

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