Quantitation Report (Qedit)

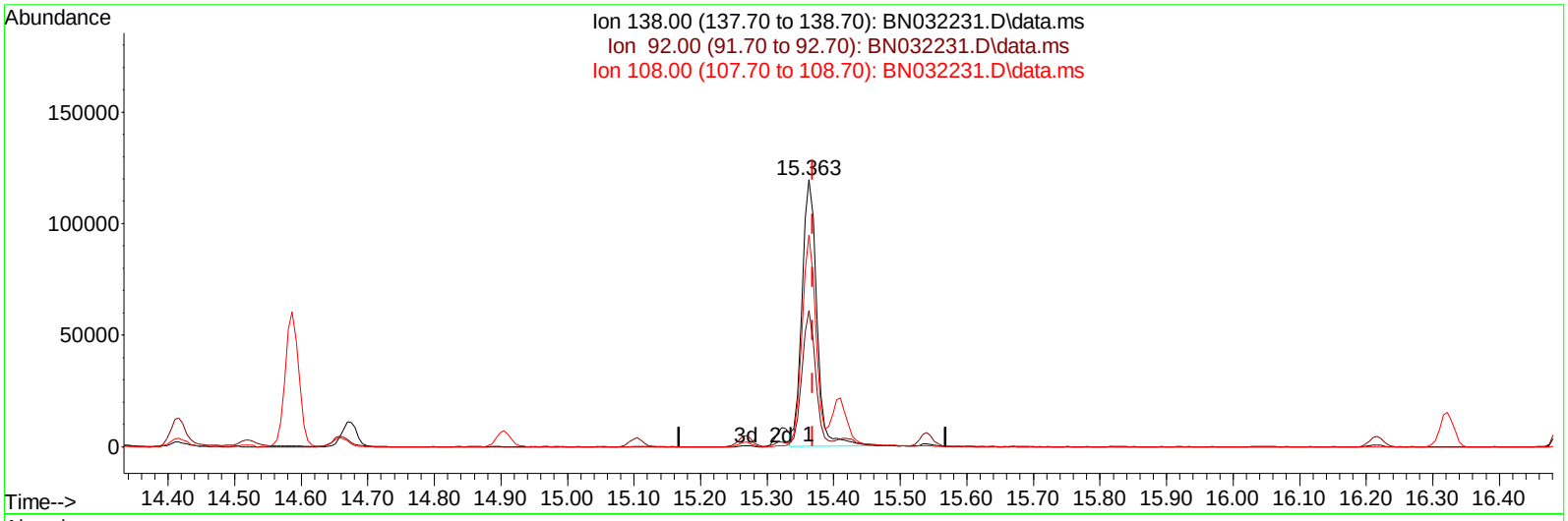
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032231.D
Acq On : 25 Jun 2024 07:27
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

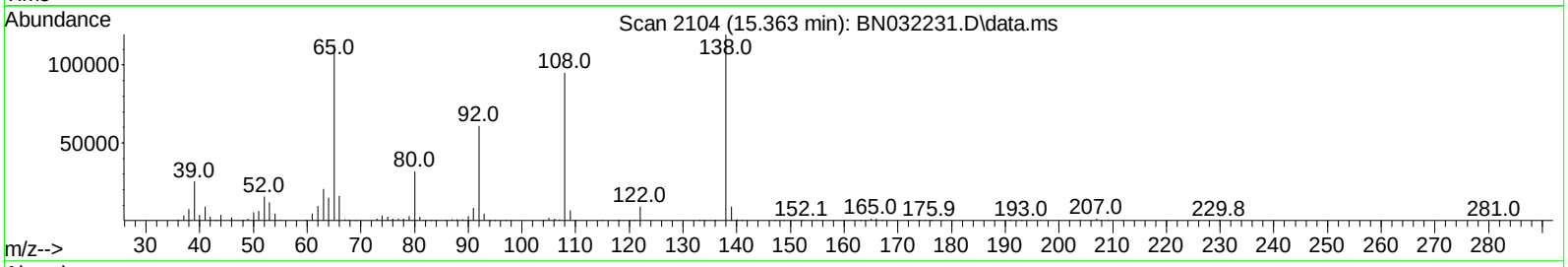
Quant Time: Jun 25 07:58:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

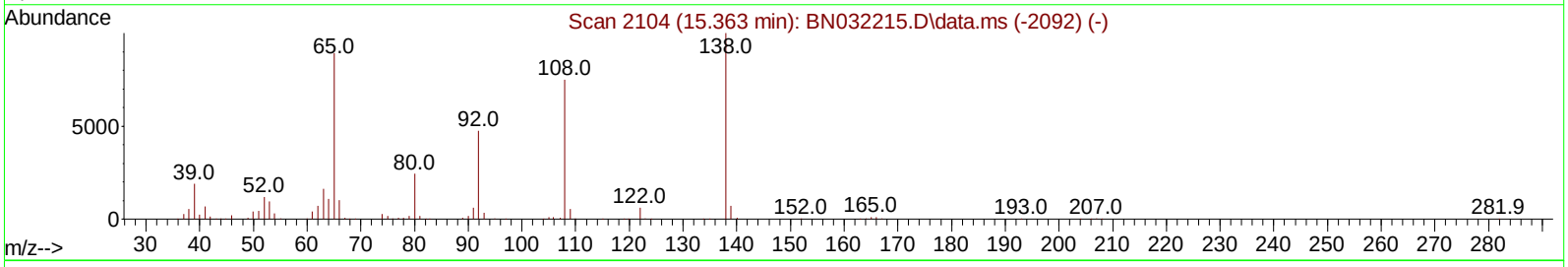
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024







TIC: BN032231.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 18.97 ng/ul

response 185874

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.20	51.02
108.00	75.10	79.38
0.00	0.00	0.00

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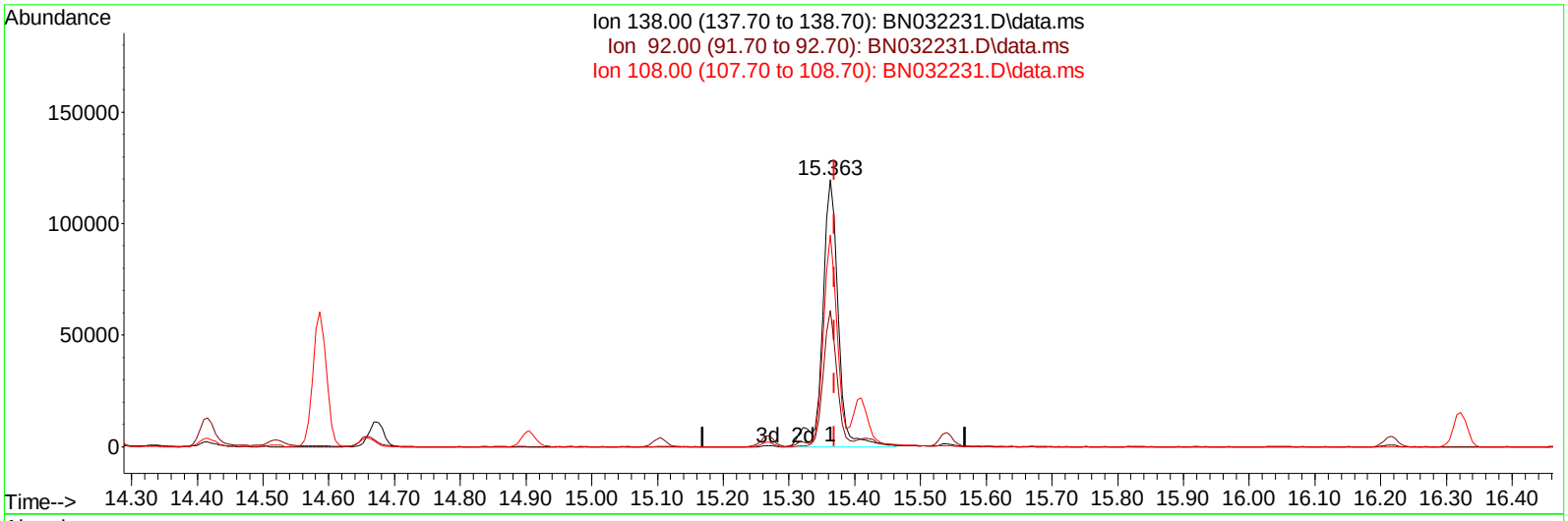

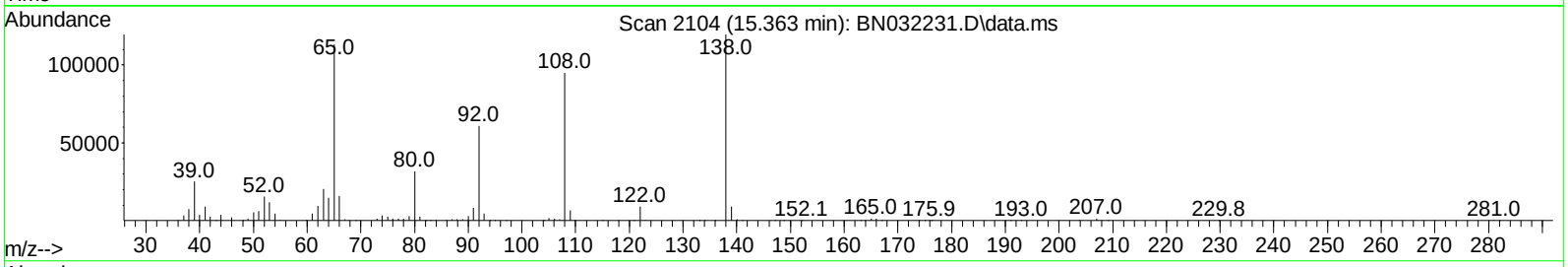

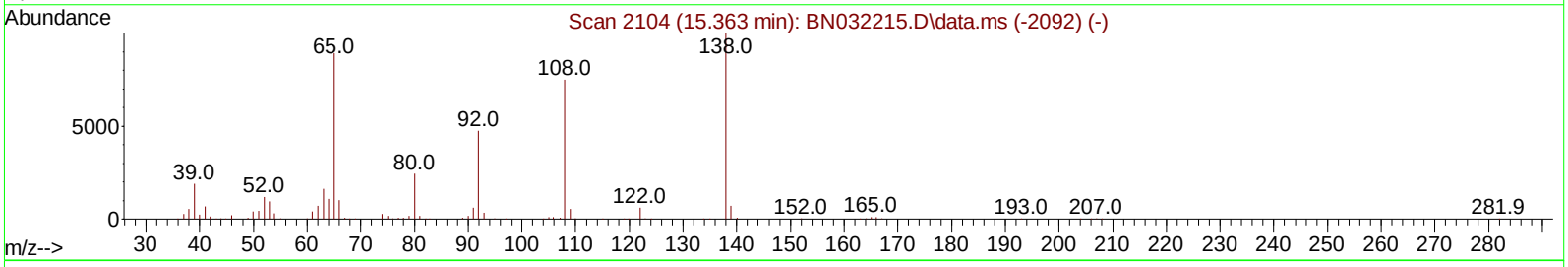

TIC: BN032231.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 20.40 ng/ul m

response 199850

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.20	51.02
108.00	75.10	79.38
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	298850	20.000	ng/ul	0.00
20) Naphthalene-d8	10.405	136	1138750	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.269	164	679576	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.022	188	1320965	20.000	ng/ul	-0.01
79) Chrysene-d12	21.263	240	1275374	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1547694	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	52659	7.290	ng/uL	0.00
4) Pyridine-d5	3.570	84	343544	16.895	ng/ul	0.00
7) Phenol-d5	6.811	99	425804	16.620	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	230907	15.408	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.163	132	370884	18.973	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	339130	16.239	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	175819	20.193	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	189375	21.055	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	334315	19.910	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.552	131	448995	18.010	ng/ul	-0.01
46) Dimethylphthalate-d6	13.687	166	872702	18.433	ng/ul	-0.01
49) Acenaphthylene-d8	13.963	160	1050378	19.295	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.504	143	160487	16.930	ng/ul	0.00
60) Fluorene-d10	15.269	176	762489	19.035	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	132260	19.919	ng/ul	0.00
73) Anthracene-d10	17.122	188	1144991	20.246	ng/ul	0.00
81) Pyrene-d10	19.428	212	1322945	19.384	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1446342	19.571	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	56163	7.267	ng/uL	96
5) Pyridine	3.587	79	336654	16.558	ng/ul	98
6) Benzaldehyde	6.781	77	220211	18.325	ng/ul	94
8) Phenol	6.834	94	438921	16.834	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.064	93	359497	16.674	ng/ul	95
12) 2-Chlorophenol	7.193	128	387516	18.943	ng/ul	95
13) 2-Methylphenol	8.075	108	330664	16.420	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	376696	15.178	ng/ul	96
16) Acetophenone	8.452	105	518194	16.373	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.434	70	228333	13.922	ng/ul#	95
18) 4-Methylphenol	8.405	108	357752	16.388	ng/ul	97
19) Hexachloroethane	8.687	117	165592	19.115	ng/ul	91
22) Nitrobenzene	8.828	77	375401	18.096	ng/ul	91
23) Isophorone	9.346	82	665556	15.640	ng/ul	96
25) 2-Nitrophenol	9.528	139	202305	20.588	ng/ul	93
26) 2,4-Dimethylphenol	9.593	107	347622	18.185	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.828	93	441411	16.644	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	333916	20.141	ng/ul	94
30) Naphthalene	10.452	128	1165618	19.778	ng/ul	100
32) 4-Chloroaniline	10.575	127	441271	18.231	ng/ul	100
33) Hexachlorobutadiene	10.728	225	222338	22.329	ng/ul	95
34) Caprolactam	11.363	113	112051	17.315	ng/ul	85
35) 4-Chloro-3-methylphenol	11.710	107	328831	16.968	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	748688	18.585	ng/ul	99
37) 1-Methylnaphthalene	12.293	142	753808	18.650	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.446	216	389186	21.655	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	170063	16.418	ng/ul	100
41) 2,4,6-Trichlorophenol	12.698	196	240648	19.727	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	262834	19.827	ng/ul	94
43) 1,1'-Biphenyl	13.098	154	955960	19.999	ng/ul	95
44) 2-Chloronaphthalene	13.140	162	764224	20.413	ng/ul	99
45) 2-Nitroaniline	13.363	65	180307	16.614	ng/ul#	84
47) Dimethylphthalate	13.734	163	883222	18.241	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	180241	18.728	ng/ul	96
50) Acenaphthylene	13.993	152	1220704	19.842	ng/ul	100
51) 3-Nitroaniline	14.193	138	191803	18.640	ng/ul	92
52) Acenaphthene	14.334	153	805058	19.777	ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	87437	17.996	ng/ul	95
55) 4-Nitrophenol	14.516	109	141998	20.194	ng/ul	89
56) Dibenzofuran	14.675	168	1069234	19.333	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	260505	18.447	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	209625	18.905	ng/ul	98
59) Diethylphthalate	15.104	149	896079	17.935	ng/ul	98
61) Fluorene	15.322	166	872705	19.595	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.322	204	429913	19.930	ng/ul	99
63) 4-Nitroaniline	15.363	138	199850m	20.402	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	143489	20.328	ng/ul#	99
67) N-Nitrosodiphenylamine	15.540	169	749516	20.585	ng/ul	99
68) 4-Bromophenyl-phenylether	16.216	248	261453	20.428	ng/ul	98
69) Hexachlorobenzene	16.322	284	286818	19.772	ng/ul	96
70) Atrazine	16.498	200	200301	17.423	ng/ul	99
71) Pentachlorophenol	16.675	266	173564	18.701	ng/ul	93
72) Phenanthrene	17.063	178	1363545	20.263	ng/ul	98
74) Anthracene	17.157	178	1393083	20.431	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.057	216	377837	22.222	ng/uL	99
76) Pentachlorobenzene	14.587	250	362411	21.884	ng/uL	96
77) Carbazole	17.434	167	1268310	21.815	ng/ul	97
78) Di-n-butylphthalate	17.992	149	1537001	19.215	ng/ul	99
80) Fluoranthene	19.086	202	1591900	19.517	ng/ul	97
82) Pyrene	19.457	202	1672904	19.991	ng/ul	94
83) Butylbenzylphthalate	20.363	149	711820	18.009	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.175	252	530890	21.707	ng/ul	98
85) Benzo(a)anthracene	21.245	228	1698759	19.900	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	1036026	17.982	ng/ul	97
87) Chrysene	21.304	228	1604149	20.118	ng/ul	100
89) Di-n-octyl phthalate	22.269	149	1812673	17.494	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1716690	18.557	ng/ul	99
91) Benzo(k)fluoranthene	23.316	252	1765834	19.453	ng/ul	98
93) Benzo(a)pyrene	24.039	252	1682836	19.423	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.445	276	2053815	20.571	ng/ul	99
95) Dibenzo(a,h)anthracene	27.498	278	1691830	20.755	ng/ul	95
96) Benzo(g,h,i)perylene	28.474	276	1650049	20.790	ng/ul	96

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

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