Quantitation Report (Qedit)

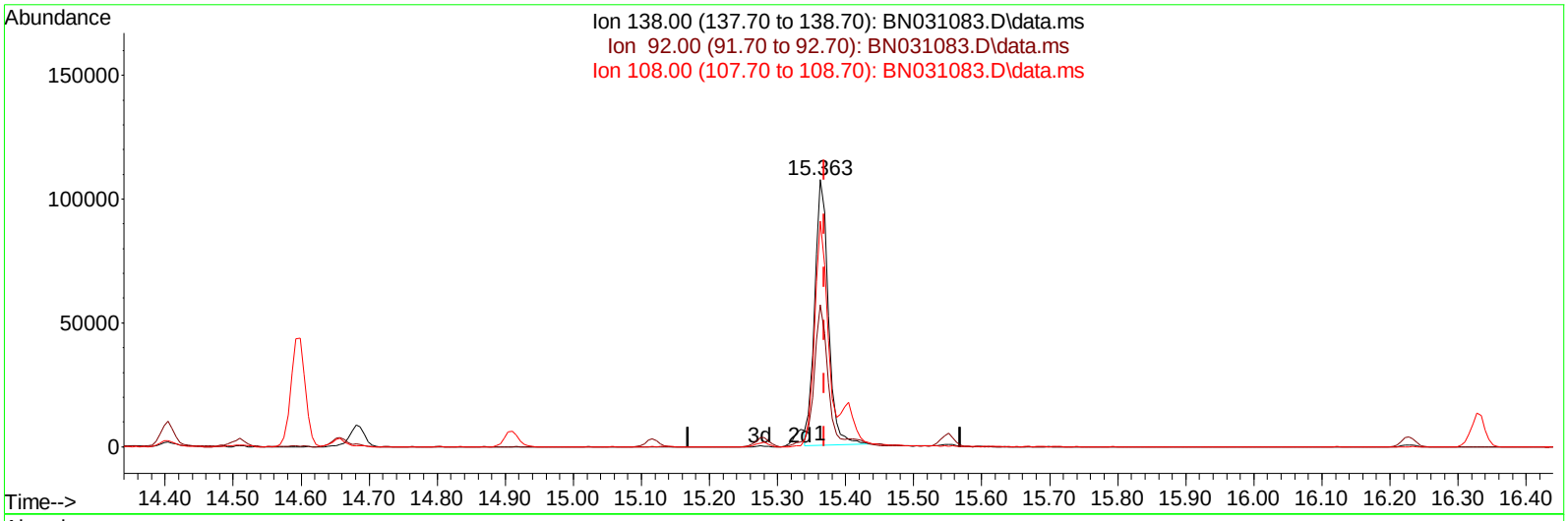
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031083.D
Acq On : 20 Apr 2024 21:25
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

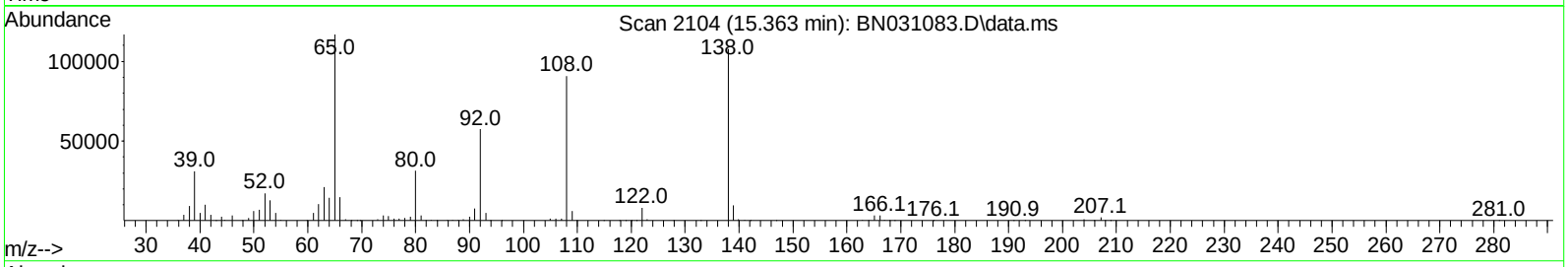
Quant Time: Apr 21 06:01:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

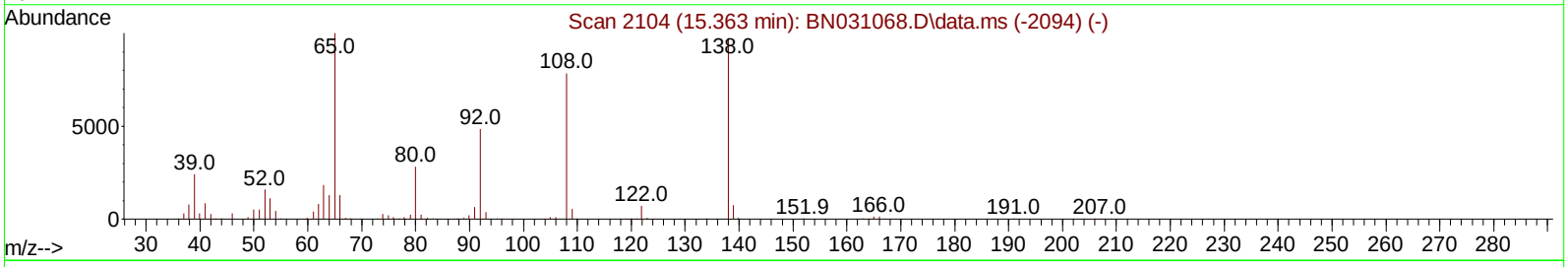
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BN031083.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 21.59 ng/ul

response 150249

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	53.21
108.00	79.80	84.41
0.00	0.00	0.00

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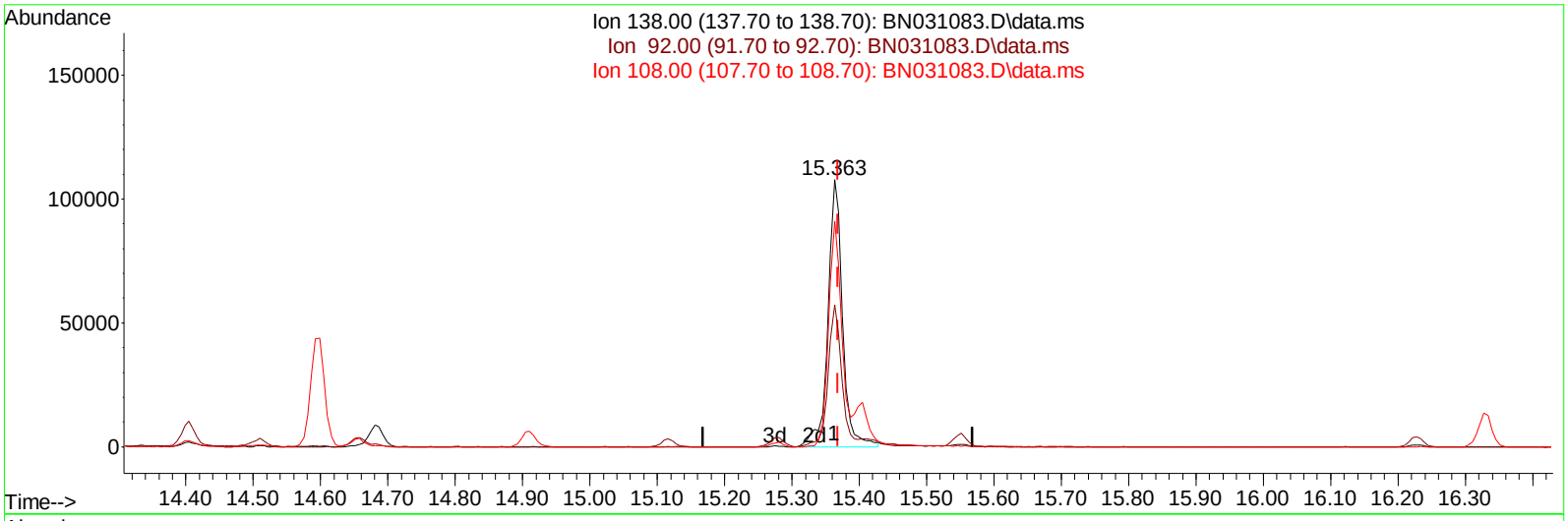

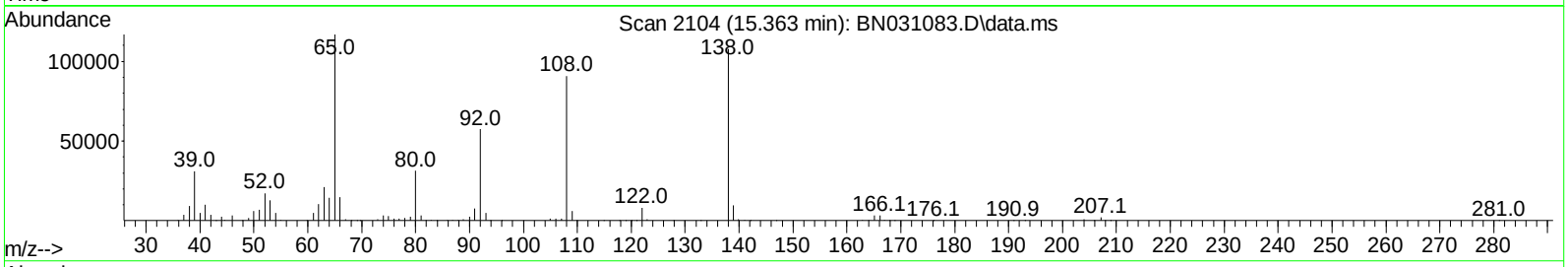

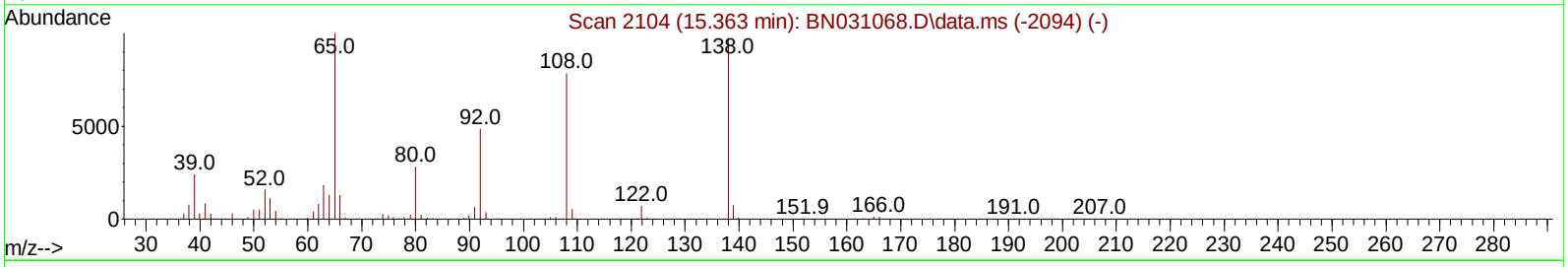

TIC: BN031083.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 23.31 ng/ul m

response 162248

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	53.21
108.00	79.80	84.41
0.00	0.00	0.00

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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	7.634	152	128702	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	600154	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	417256	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.034	188	945890	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	1037088	20.000	ng/ul	0.00
88) Perylene-d12	24.169	264	1360314	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	22817	8.283	ng/uL	0.00
4) Pyridine-d5	3.552	84	176598	22.260	ng/ul	0.00
7) Phenol-d5	6.811	99	231062	21.283	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	137515	21.770	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	181994	21.529	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	193738	21.219	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	93458	21.674	ng/ul	0.00
24) 2-Nitrophenol-d4	9.505	143	97895	21.840	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	200100	22.638	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	298045	21.577	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	623716	21.481	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	730337	22.197	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	132411	21.849	ng/ul	0.00
60) Fluorene-d10	15.281	176	553089	21.881	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	90752	19.017	ng/ul	0.00
73) Anthracene-d10	17.134	188	903717	22.043	ng/ul	0.00
81) Pyrene-d10	19.433	212	1129562	22.165	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.969	264	1376848	21.344	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	24691	8.458	ng/uL	96
5) Pyridine	3.570	79	176596	22.059	ng/ul	98
6) Benzaldehyde	6.787	77	134979	25.320	ng/ul	99
8) Phenol	6.834	94	241090	21.539	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.069	93	194646	22.039	ng/ul	98
12) 2-Chlorophenol	7.199	128	195202	22.215	ng/ul	98
13) 2-Methylphenol	8.075	108	184636	21.286	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.158	45	256081	22.240	ng/ul	100
16) Acetophenone	8.458	105	310024	21.915	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.440	70	153536	21.774	ng/ul	97
18) 4-Methylphenol	8.405	108	208309	21.439	ng/ul	98
19) Hexachloroethane	8.699	117	80110	21.971	ng/ul	92
22) Nitrobenzene	8.834	77	225239	22.132	ng/ul	99
23) Isophorone	9.352	82	449622	21.649	ng/ul	100
25) 2-Nitrophenol	9.540	139	109692	22.119	ng/ul	98
26) 2,4-Dimethylphenol	9.599	107	212995	21.060	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.840	93	275107	21.807	ng/ul	100
29) 2,4-Dichlorophenol	10.063	162	196280	22.232	ng/ul	99
30) Naphthalene	10.463	128	677433	21.780	ng/ul	99
32) 4-Chloroaniline	10.581	127	293921	21.899	ng/ul	97
33) Hexachlorobutadiene	10.746	225	116108	21.573	ng/ul	99
34) Caprolactam	11.357	113	68970	19.828	ng/ul	91
35) 4-Chloro-3-methylphenol	11.710	107	225131	21.994	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.087	142	472042	21.521	ng/ul	100
37) 1-Methylnaphthalene	12.304	142	478955	21.580	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.457	216	241868	22.153	ng/ul	97
40) Hexachlorocyclopentadiene	12.428	237	111042	18.514	ng/ul	93
41) 2,4,6-Trichlorophenol	12.704	196	159671	21.971	ng/ul	96
42) 2,4,5-Trichlorophenol	12.775	196	181402	22.513	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	628956	21.917	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	502584	21.917	ng/ul	97
45) 2-Nitroaniline	13.363	65	139094	21.972	ng/ul	99
47) Dimethylphthalate	13.746	163	643135	21.470	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	123760	22.010	ng/ul	97
50) Acenaphthylene	14.004	152	847645	22.054	ng/ul	100
51) 3-Nitroaniline	14.198	138	142200	22.029	ng/ul	97
52) Acenaphthene	14.345	153	555884	21.818	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	50276	15.811	ng/ul	97
55) 4-Nitrophenol	14.510	109	107464	21.850	ng/ul	98
56) Dibenzofuran	14.681	168	761845	21.627	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	191807	22.450	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.910	232	157935	22.680	ng/ul	97
59) Diethylphthalate	15.116	149	671781	21.807	ng/ul	99
61) Fluorene	15.334	166	631106	21.770	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.334	204	308099	22.313	ng/ul	98
63) 4-Nitroaniline	15.363	138	162248m	23.312	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	100488	19.610	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	551714	21.761	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	190384	21.283	ng/ul	95
69) Hexachlorobenzene	16.334	284	223435	21.666	ng/ul	100
70) Atrazine	16.504	200	198261	22.274	ng/ul	98
71) Pentachlorophenol	16.681	266	143086	21.356	ng/ul	97
72) Phenanthrene	17.075	178	1089198	21.771	ng/ul	99
74) Anthracene	17.163	178	1083259	21.395	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.069	216	242388	21.847	ng/uL	99
76) Pentachlorobenzene	14.598	250	253492	22.125	ng/uL	96
77) Carbazole	17.439	167	1042066	22.532	ng/ul	98
78) Di-n-butylphthalate	18.010	149	1234124	21.893	ng/ul	100
80) Fluoranthene	19.098	202	1328302	22.023	ng/ul	99
82) Pyrene	19.463	202	1424304	22.475	ng/ul	99
83) Butylbenzylphthalate	20.375	149	625623	22.373	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.186	252	476147	22.034	ng/ul	96
85) Benzo(a)anthracene	21.251	228	1569940	22.293	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	937539	22.330	ng/ul	99
87) Chrysene	21.310	228	1511494	22.611	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1698294	21.659	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1673438	21.864	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1732553	22.506	ng/ul	99
93) Benzo(a)pyrene	24.033	252	1645881	21.555	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.421	276	1890552	19.953	ng/ul	99
95) Dibenzo(a,h)anthracene	27.480	278	1604273	20.629	ng/ul	95
96) Benzo(g,h,i)perylene	28.445	276	1530194	20.055	ng/ul	98

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

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