Quantitation Report (Qedit)

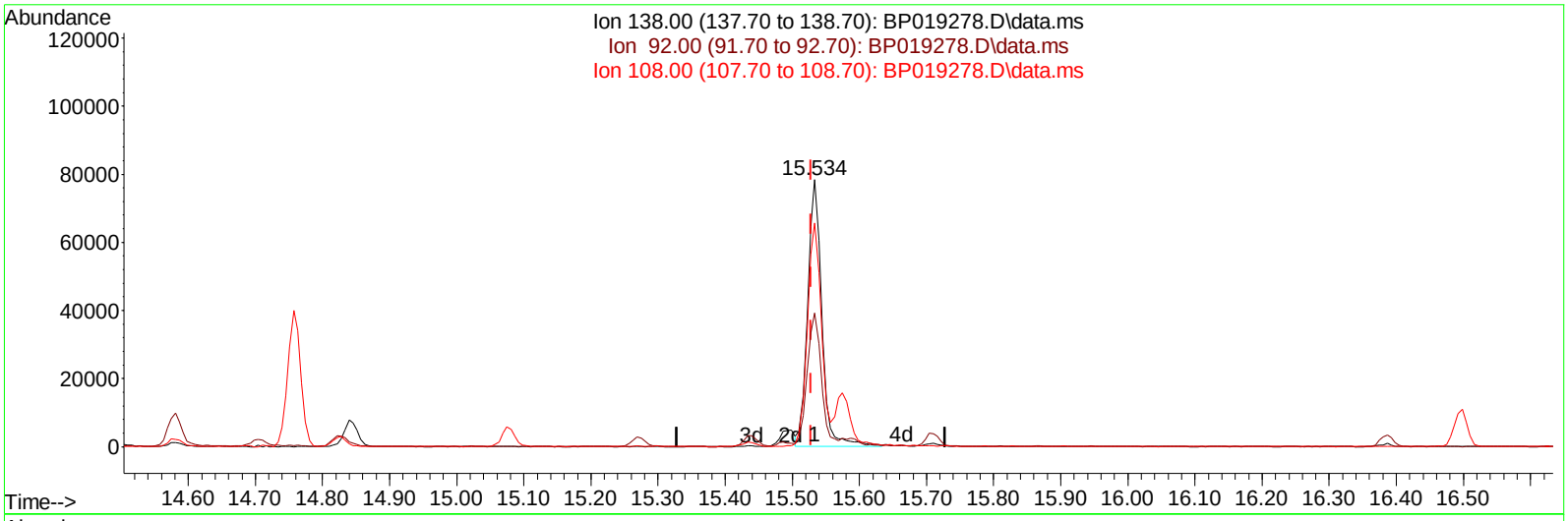
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019278.D
Acq On : 05 Jan 2024 11:52
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

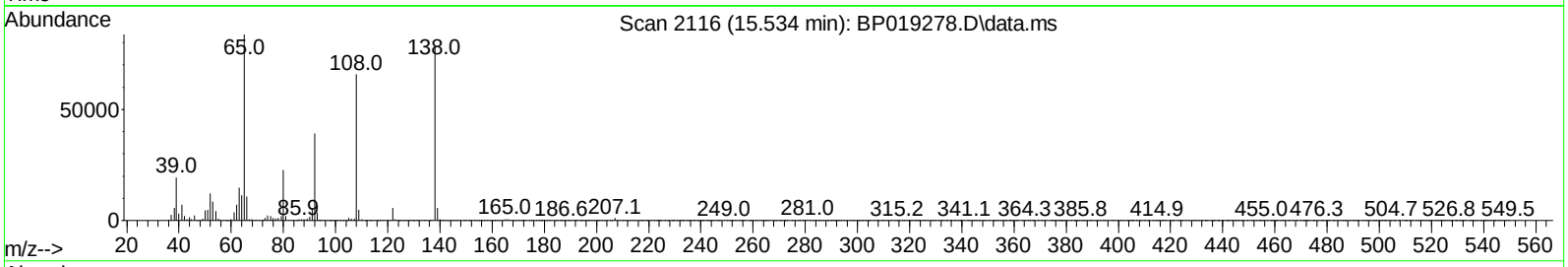
Quant Time: Jan 05 12:37:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

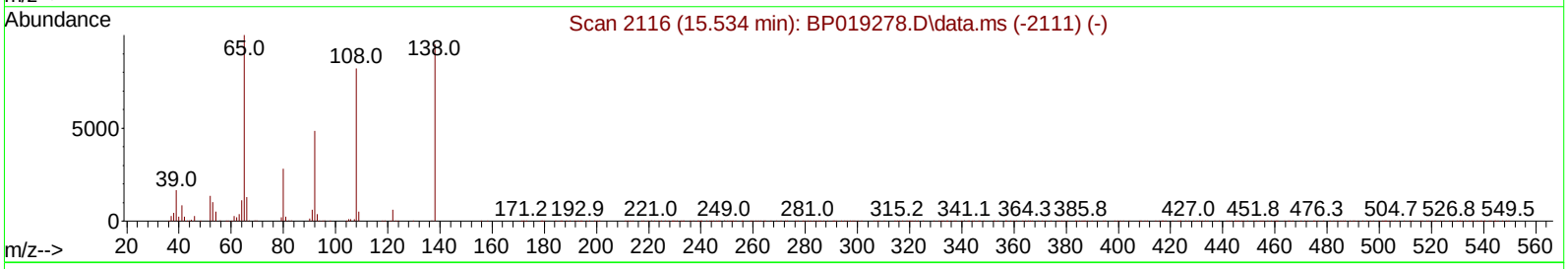
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024







TIC: BP019278.D\data.ms

(63) 4-Nitroaniline

15.534min (+ 0.006) 21.26 ng/ul

response 115345

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.80	50.03
108.00	82.80	83.93
0.00	0.00	0.00

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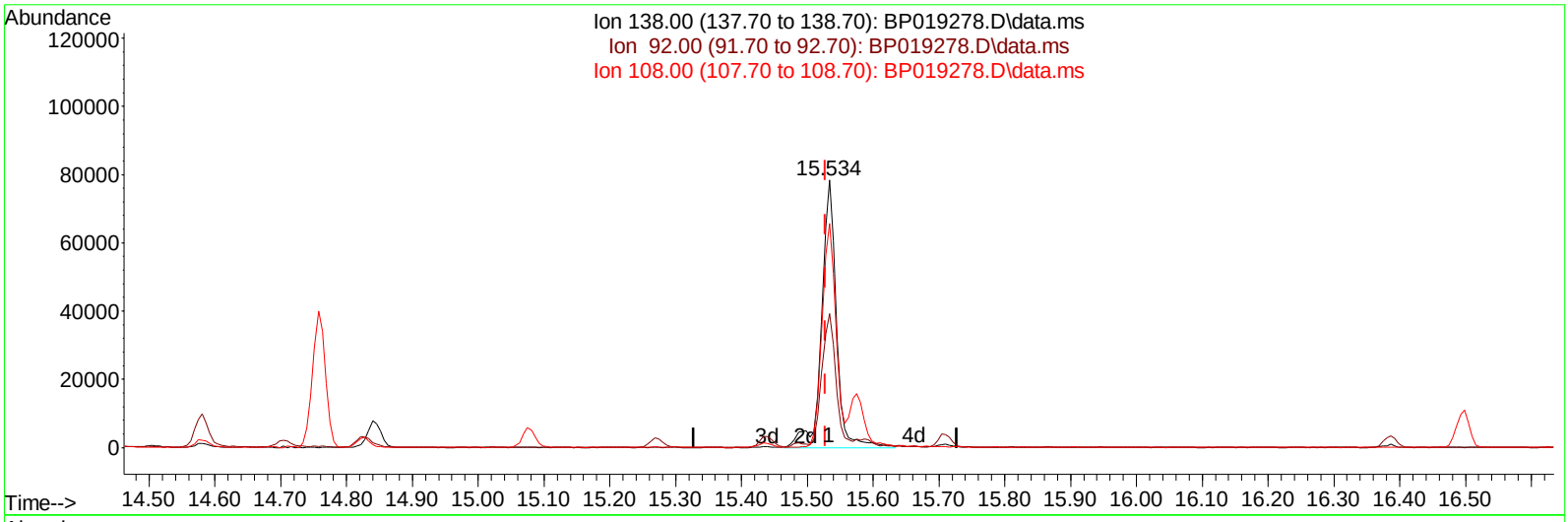

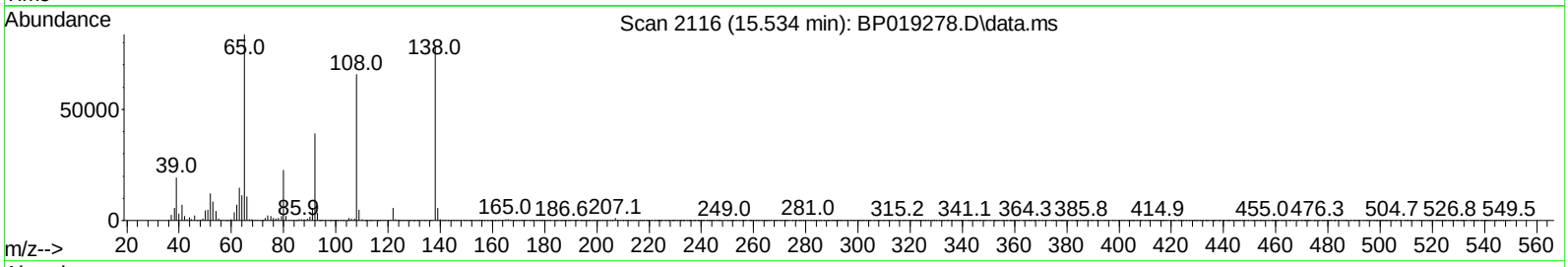

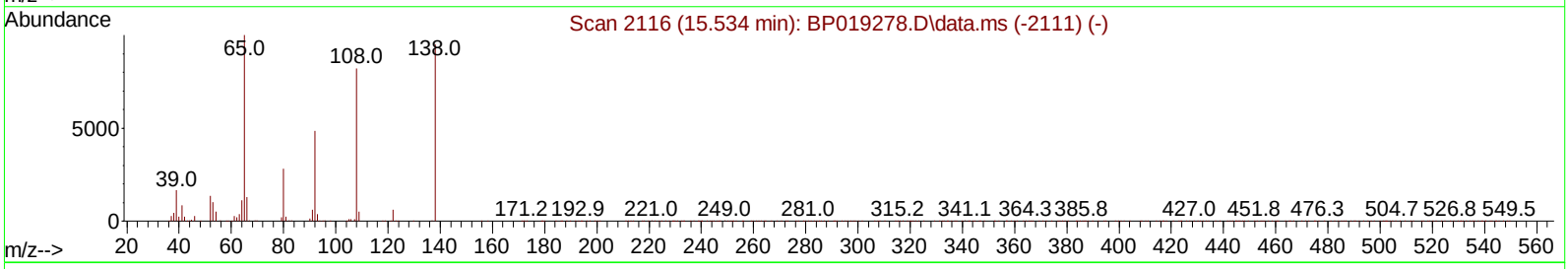

TIC: BP019278.D\data.ms

(63) 4-Nitroaniline

15.534min (+ 0.006) 22.77 ng/ul m

response 123582

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.80	50.03
108.00	82.80	83.93
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	127585	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.593	136	510651	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	344352	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	821716	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	907633	20.000	ng/ul	0.00
88) Perylene-d12	23.668	264	1068950	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	27676	7.409	ng/uL	0.00
4) Pyridine-d5	3.652	84	194804	20.776	ng/ul	0.00
7) Phenol-d5	6.987	99	233582	20.415	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	134729	20.355	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	179852	19.498	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	184770	20.743	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	88116	19.962	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	103236	21.640	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	192010	19.931	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	239354	20.200	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	605041	19.892	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	663788	20.113	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	103850	20.220	ng/ul	0.02
60) Fluorene-d10	15.439	176	515765	19.628	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	103573	19.227	ng/ul	0.00
73) Anthracene-d10	17.298	188	850606	19.822	ng/ul	0.00
81) Pyrene-d10	19.545	212	1079248	19.511	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	1183054	19.254	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	29877	7.274	ng/uL	98
5) Pyridine	3.669	79	198051	20.809	ng/ul	93
6) Benzaldehyde	6.946	77	105853	19.926	ng/ul	99
8) Phenol	7.016	94	231940	20.524	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.228	93	182488	19.957	ng/ul	98
12) 2-Chlorophenol	7.363	128	180910	19.163	ng/ul	98
13) 2-Methylphenol	8.263	108	172793	20.669	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	228300	21.165	ng/ul	99
16) Acetophenone	8.628	105	286747	21.493	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.610	70	141787	21.313	ng/ul	96
18) 4-Methylphenol	8.593	108	186121	20.683	ng/ul	100
19) Hexachloroethane	8.863	117	75845	19.154	ng/ul	94
22) Nitrobenzene	9.004	77	214722	19.910	ng/ul	100
23) Isophorone	9.534	82	405873	20.870	ng/ul	99
25) 2-Nitrophenol	9.716	139	108672	21.334	ng/ul	99
26) 2,4-Dimethylphenol	9.787	107	189055	21.082	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.016	93	243673	18.958	ng/ul	100
29) 2,4-Dichlorophenol	10.257	162	185079	19.660	ng/ul	99
30) Naphthalene	10.646	128	586561	19.052	ng/ul	100
32) 4-Chloroaniline	10.769	127	230110	20.238	ng/ul	97
33) Hexachlorobutadiene	10.916	225	137272	18.947	ng/ul	96
34) Caprolactam	11.557	113	56958	22.906	ng/ul	95
35) 4-Chloro-3-methylphenol	11.916	107	197011	21.319	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.257	142	410653	19.783	ng/ul	98
37) 1-Methylnaphthalene	12.475	142	416270	19.886	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.628	216	258760	18.245	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	105412	13.391	ng/ul	97
41) 2,4,6-Trichlorophenol	12.881	196	163458	19.313	ng/ul	97
42) 2,4,5-Trichlorophenol	12.957	196	177606	19.768	ng/ul	100
43) 1,1'-Biphenyl	13.275	154	557307	18.553	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	448309	18.600	ng/ul	98
45) 2-Nitroaniline	13.540	65	127366	22.011	ng/ul	98
47) Dimethylphthalate	13.904	163	593212	19.758	ng/ul	99
48) 2,6-Dinitrotoluene	14.034	165	118571	21.492	ng/ul	100
50) Acenaphthylene	14.163	152	737191	19.853	ng/ul	100
51) 3-Nitroaniline	14.369	138	115402	21.396	ng/ul	97
52) Acenaphthene	14.504	153	485915	19.308	ng/ul	100
53) 2,4-Dinitrophenol	14.581	184	58854	16.558	ng/ul	97
55) 4-Nitrophenol	14.704	109	85341	20.791	ng/ul	95
56) Dibenzofuran	14.845	168	686783	19.110	ng/ul	97
57) 2,4-Dinitrotoluene	14.828	165	180164	22.204	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.081	232	164740	20.987	ng/ul	97
59) Diethylphthalate	15.269	149	593539	20.389	ng/ul	99
61) Fluorene	15.492	166	572285	19.895	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.492	204	309147	19.680	ng/ul	99
63) 4-Nitroaniline	15.534	138	123582m	22.773	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.592	198	109267	19.157	ng/ul	98
67) N-Nitrosodiphenylamine	15.710	169	487066	19.421	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	200463	19.628	ng/ul	98
69) Hexachlorobenzene	16.498	284	241718	19.366	ng/ul	99
70) Atrazine	16.669	200	122060	17.246	ng/ul	98
71) Pentachlorophenol	16.857	266	141105	19.255	ng/ul	98
72) Phenanthrene	17.239	178	953509	19.148	ng/ul	99
74) Anthracene	17.333	178	974786	19.663	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	261779	18.322	ng/uL	99
76) Pentachlorobenzene	14.757	250	269746	19.000	ng/uL	99
77) Carbazole	17.616	167	879900	21.338	ng/ul	100
78) Di-n-butylphthalate	18.163	149	1076673	21.052	ng/ul	99
80) Fluoranthene	19.222	202	1233977	19.441	ng/ul	98
82) Pyrene	19.575	202	1300512	19.556	ng/ul	98
83) Butylbenzylphthalate	20.451	149	524158	22.065	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.227	252	458414	20.190	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1379498	19.237	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	795667	22.747	ng/ul	99
87) Chrysene	21.339	228	1273739	19.048	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	1373182	22.464	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	1451033	19.325	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	1355915	18.378	ng/ul	99
93) Benzo(a)pyrene	23.568	252	1331461	18.840	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.127	276	1692311	18.680	ng/ul	97
95) Dibenzo(a,h)anthracene	26.145	278	1418766	18.826	ng/ul	98
96) Benzo(g,h,i)perylene	26.886	276	1361266	18.750	ng/ul	97

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

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