Quantitation Report (Qedit)

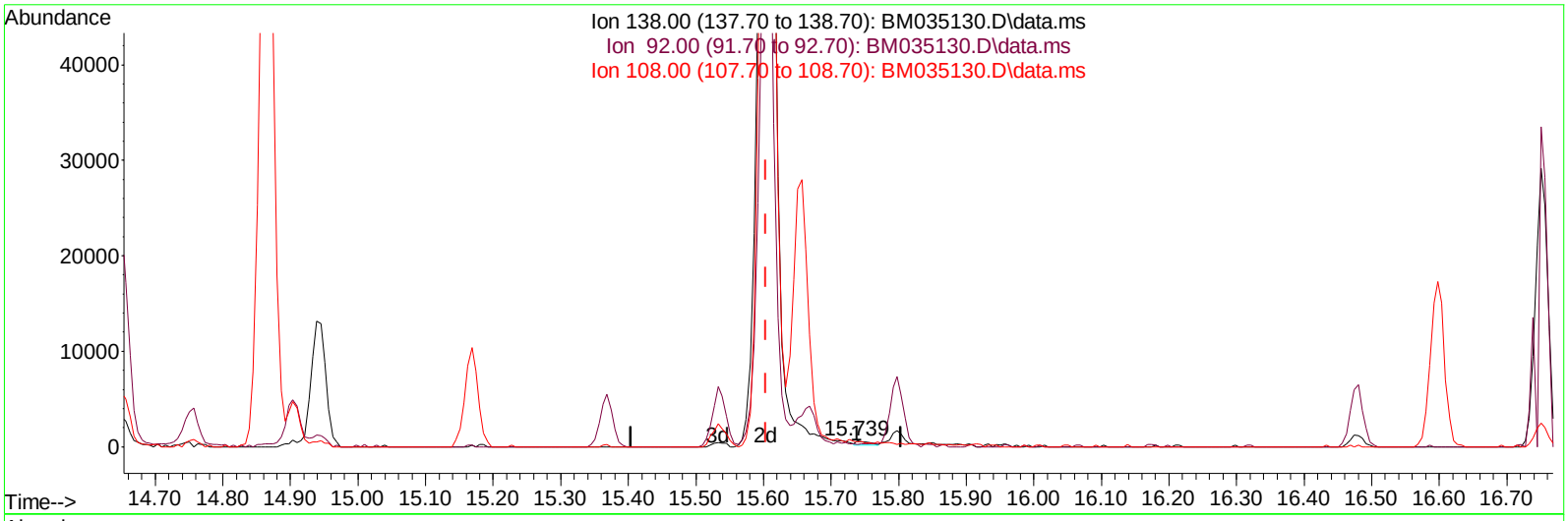
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051722\
Data File : BM035130.D
Acq On : 17 May 2022 14:04
Operator : CG/JU
Sample : SSTD04043
Misc :
ALS Vial : 5 Sample Multiplier: 1

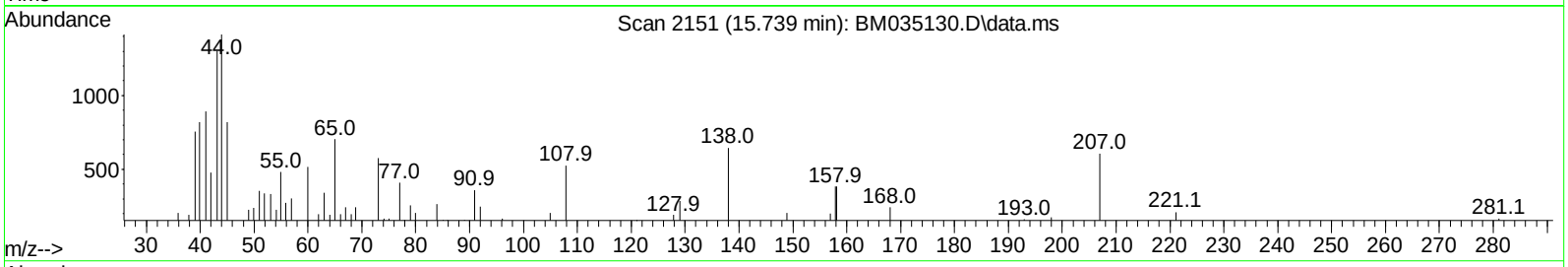
Quant Time: May 17 14:54:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051722.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 14:25:28 2022
Response via : Initial Calibration

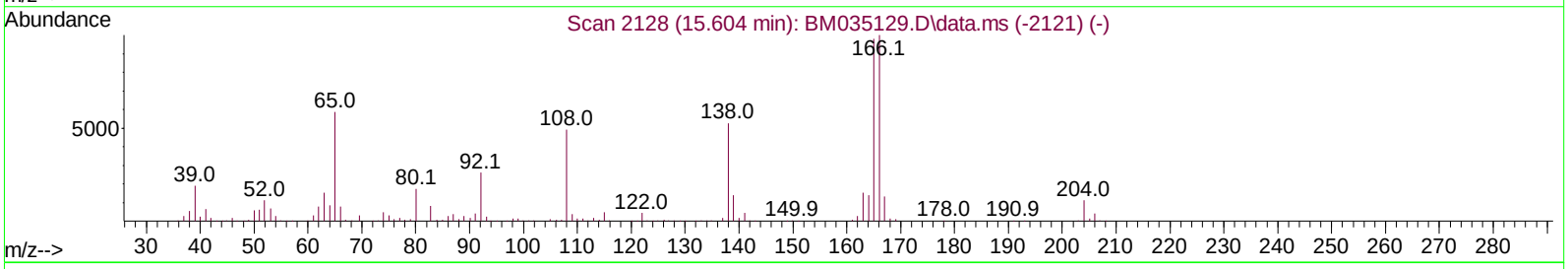
Instrument :
BNA_M
ClientSampleId :
SSTD040043

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/18/2022
Supervised By :mohammad ahmed 05/19/2022







TIC: BM035130.D\data.ms

(63) 4-Nitroaniline

15.739min (+ 0.135) 0.16 ng/ul

response 581

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	46.50	38.54
108.00	73.00	81.27
0.00	0.00	0.00

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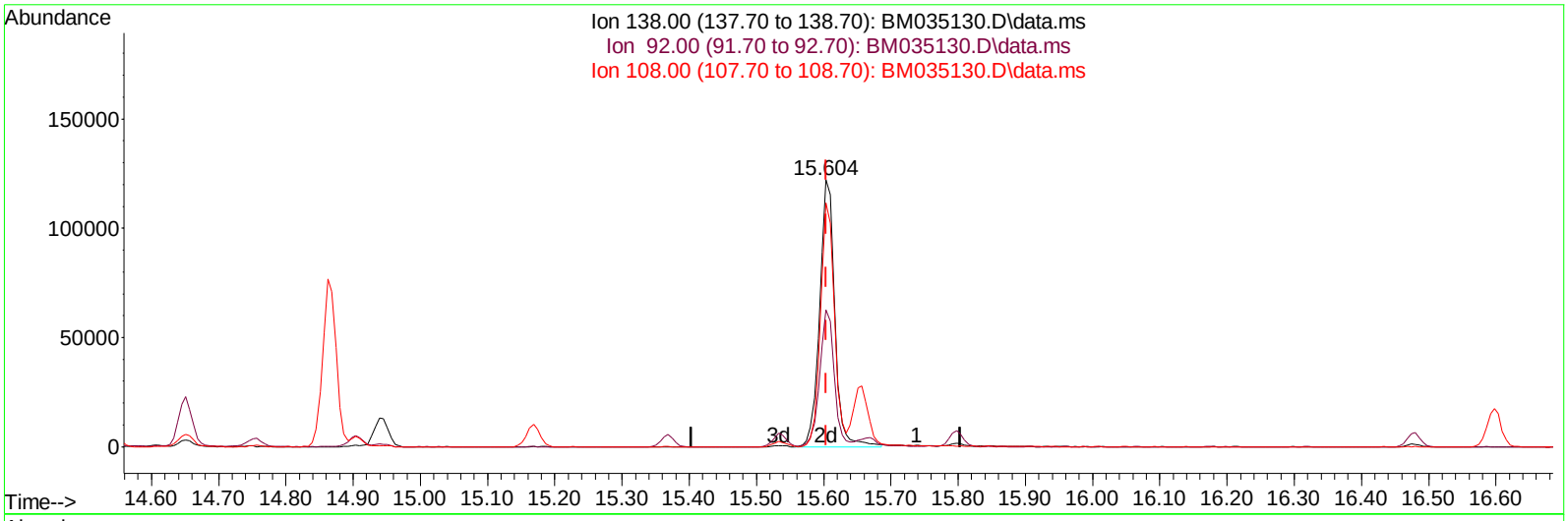

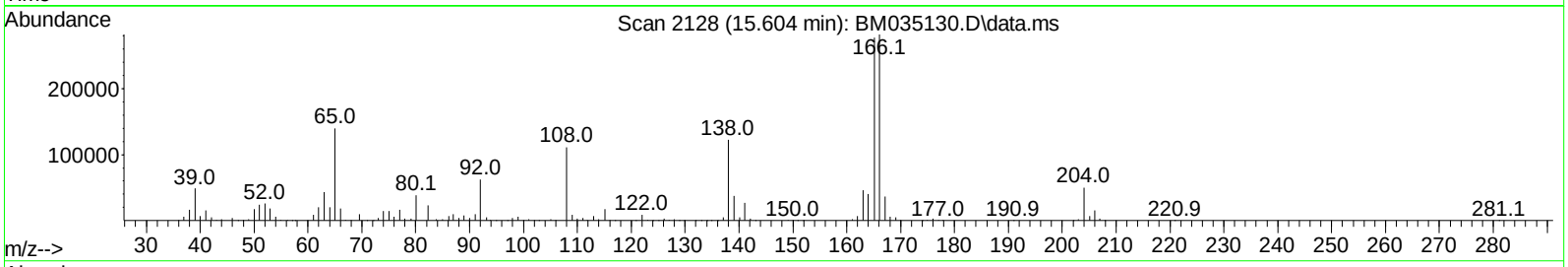

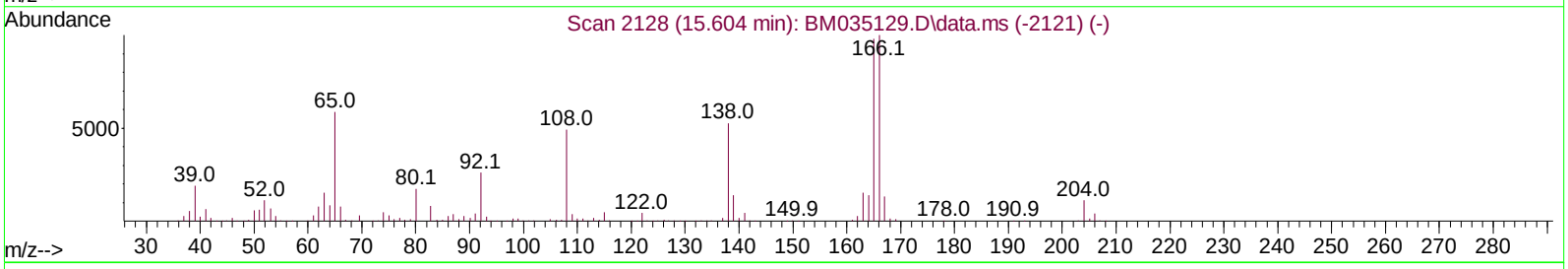

TIC: BM035130.D\data.ms

(63) 4-Nitroaniline

15.604min (0.000) 51.27 ng/ul m

response 191557

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	46.50	51.27
108.00	73.00	91.28#
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	7.910	152	142263	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	541986	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	323933	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	643968	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	649417	20.000	ng/ul	0.00
88) Perylene-d12	23.856	264	646166	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	57031	16.772	ng/uL	0.00
4) Pyridine-d5	3.775	84	371709	39.658	ng/ul	0.00
7) Phenol-d5	7.075	99	432324	35.128	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.239	67	271905	35.199	ng/ul	0.00
11) 2-Chlorophenol-d4	7.439	132	396264	40.973	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	369149	36.789	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	184013	44.298	ng/ul	0.00
24) 2-Nitrophenol-d4	9.792	143	210479	46.977	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	367598	43.840	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	488723	40.935	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1006757	41.210	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	1218668	39.313	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	175016	41.928	ng/ul	0.00
60) Fluorene-d10	15.533	176	852705	41.373	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	175559	43.263	ng/ul	0.00
73) Anthracene-d10	17.386	188	1287758	41.102	ng/ul	0.00
81) Pyrene-d10	19.680	212	1444515	35.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.709	264	1414195	41.876	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	59126	17.462	ng/uL	98
5) Pyridine	3.799	79	384567	38.876	ng/ul	96
6) Benzaldehyde	7.045	77	261271	38.038	ng/ul	99
8) Phenol	7.104	94	458550	37.430	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.334	93	358182	36.938	ng/ul	100
12) 2-Chlorophenol	7.475	128	402346	40.793	ng/ul	99
13) 2-Methylphenol	8.351	108	345527	37.211	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.439	45	502795	31.715	ng/ul	99
16) Acetophenone	8.734	105	568516	36.502	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.722	70	271810	32.720	ng/ul	97
18) 4-Methylphenol	8.681	108	370653	36.536	ng/ul	96
19) Hexachloroethane	8.992	117	174545	41.717	ng/ul	95
22) Nitrobenzene	9.110	77	432639	41.971	ng/ul	99
23) Isophorone	9.639	82	762458	40.257	ng/ul	99
25) 2-Nitrophenol	9.822	139	222272	46.170	ng/ul	93
26) 2,4-Dimethylphenol	9.886	107	431686	42.875	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.122	93	454648	38.725	ng/ul	99
29) 2,4-Dichlorophenol	10.357	162	369228	45.262	ng/ul	98
30) Naphthalene	10.763	128	1179354	41.418	ng/ul	99
32) 4-Chloroaniline	10.869	127	488091	40.851	ng/ul	100
33) Hexachlorobutadiene	11.057	225	272483	50.963	ng/ul	98
34) Caprolactam	11.639	113	102500	42.022	ng/ul	97
35) 4-Chloro-3-methylphenol	11.992	107	364876	41.609	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.369	142	793766	40.319 ng/ul	99
37) 1-Methylnaphthalene	12.586	142	792849	39.826 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.739	216	456788	47.945 ng/ul	98
40) Hexachlorocyclopentadiene	12.727	237	314731	47.631 ng/ul	97
41) 2,4,6-Trichlorophenol	12.980	196	291769	48.104 ng/ul	99
42) 2,4,5-Trichlorophenol	13.051	196	310746	47.824 ng/ul	100
43) 1,1'-Biphenyl	13.380	154	1054267	40.965 ng/ul	99
44) 2-Chloronaphthalene	13.421	162	824826	42.085 ng/ul	98
45) 2-Nitroaniline	13.621	65	239485	43.043 ng/ul	96
47) Dimethylphthalate	14.004	163	1000382	41.446 ng/ul	99
48) 2,6-Dinitrotoluene	14.121	165	210741	45.969 ng/ul	96
50) Acenaphthylene	14.263	152	1288788	41.383 ng/ul	98
51) 3-Nitroaniline	14.445	138	199753	47.585 ng/ul	94
52) Acenaphthene	14.610	153	854292	41.042 ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	130529	48.808 ng/ul	98
55) 4-Nitrophenol	14.751	109	168606	45.934 ng/ul	89
56) Dibenzofuran	14.939	168	1200251	41.868 ng/ul	96
57) 2,4-Dinitrotoluene	14.904	165	296245	45.812 ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.168	232	254968	50.046 ng/ul	97
59) Diethylphthalate	15.368	149	1016808	41.129 ng/ul	100
61) Fluorene	15.592	166	985398	42.018 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.586	204	510660	44.830 ng/ul	99
63) 4-Nitroaniline	15.604	138	191557m	51.269 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.668	198	174480	43.425 ng/ul#	99
67) N-Nitrosodiphenylamine	15.798	169	824604	39.773 ng/ul	100
68) 4-Bromophenyl-phenylether	16.480	248	299778	44.767 ng/ul	99
69) Hexachlorobenzene	16.598	284	334723	44.175 ng/ul	98
70) Atrazine	16.751	200	319534	43.359 ng/ul	99
71) Pentachlorophenol	16.939	266	218453	46.446 ng/ul	98
72) Phenanthrene	17.327	178	1467121	40.504 ng/ul	100
74) Anthracene	17.421	178	1511192	41.250 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	470870	45.694 ng/uL	99
76) Pentachlorobenzene	14.868	250	416603	44.135 ng/uL	98
77) Carbazole	17.686	167	1320420	40.997 ng/ul	100
78) Di-n-butylphthalate	18.262	149	1731239	43.346 ng/ul	99
80) Fluoranthene	19.345	202	1724322	35.372 ng/ul	99
82) Pyrene	19.709	202	1768051	35.516 ng/ul	96
83) Butylbenzylphthalate	20.609	149	760906	38.208 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.392	252	587994	47.981 ng/ul	99
85) Benzo(a)anthracene	21.456	228	1751863	41.520 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1136696	38.520 ng/ul	100
87) Chrysene	21.509	228	1689828	41.127 ng/ul	99
89) Di-n-octyl phthalate	22.315	149	1922754	35.744 ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1761021	40.573 ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	1738592	42.066 ng/ul	99
93) Benzo(a)pyrene	23.756	252	1755875	42.435 ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.338	276	2013938	42.548 ng/ul	97
95) Dibenzo(a,h)anthracene	26.350	278	1727647	42.573 ng/ul	98
96) Benzo(g,h,i)perylene	27.091	276	1675881	42.624 ng/ul#	96

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

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