Quantitation Report (Qedit)

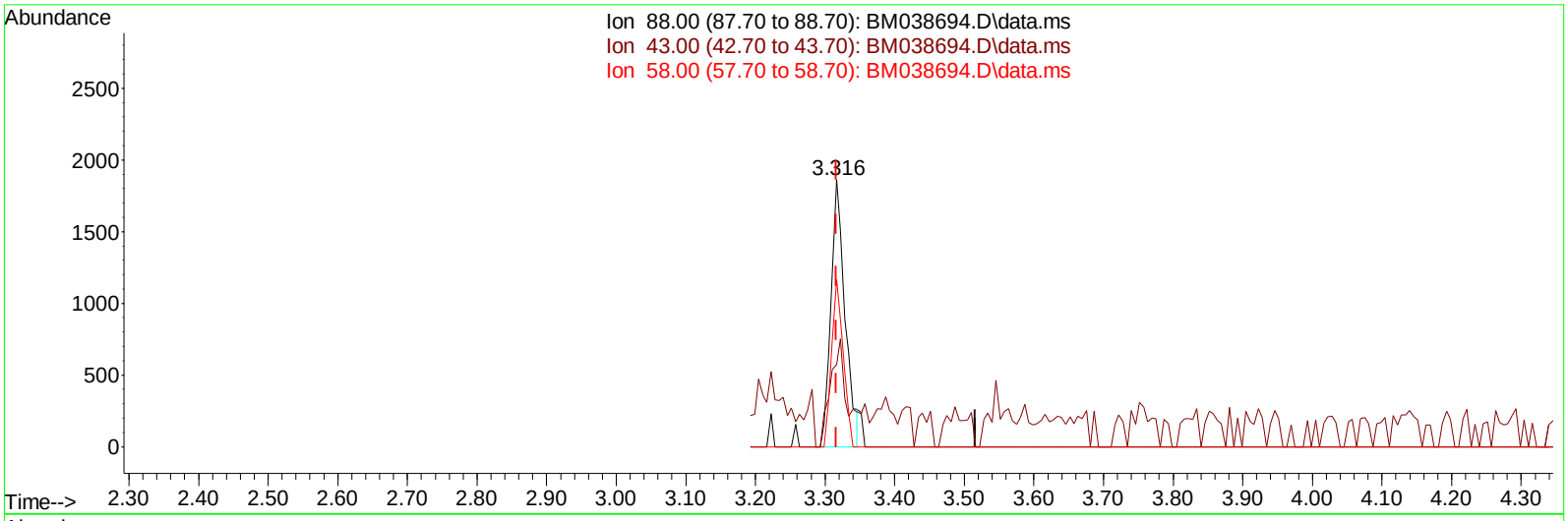
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020623\
Data File : BM038694.D
Acq On : 06 Feb 2023 16:04
Operator : CG/JU
Sample : SSTD00527
Misc :
ALS Vial : 2 Sample Multiplier: 1

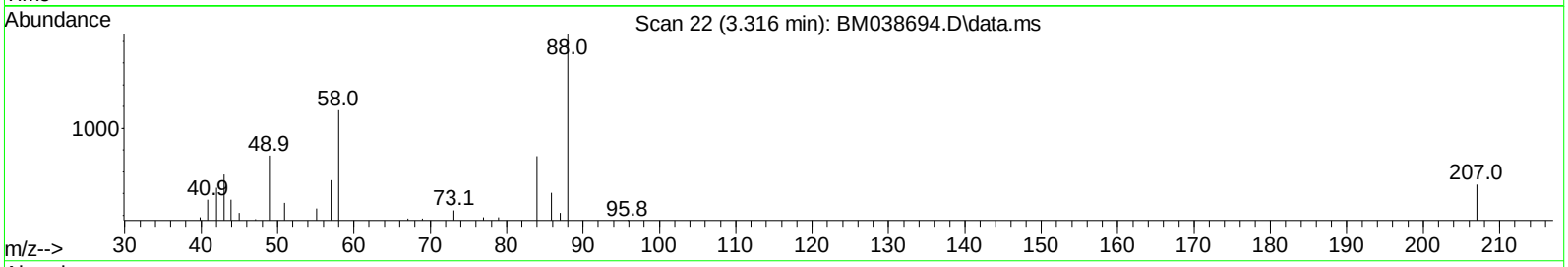
Quant Time: Feb 07 00:51:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM020623.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 07 00:48:02 2023
Response via : Initial Calibration

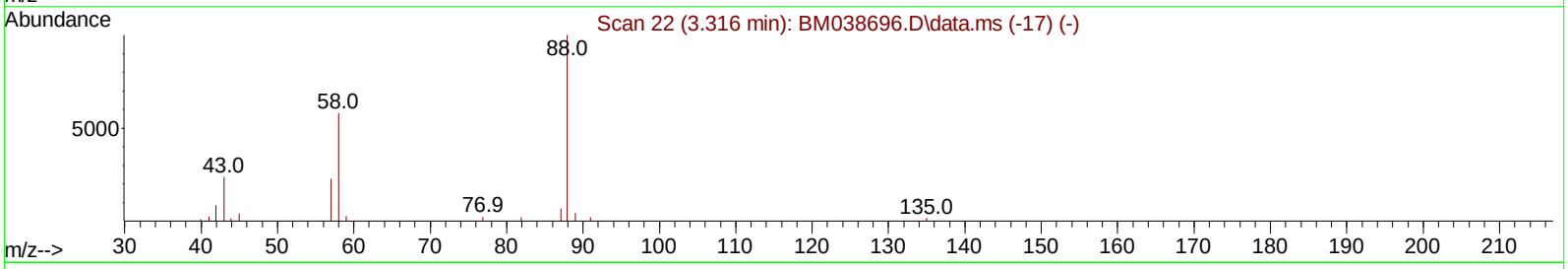
Instrument :
BNA_M
ClientSampleId :
SSTD005033

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/07/2023
Supervised By :mohammad ahmed 02/07/2023







TIC: BM038694.D\data.ms

(2) 1,4-Dioxane

3.316min (-0.000) 1.30 ng/uL

response 2625

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	25.70	30.79
58.00	56.80	62.60
0.00	0.00	0.00

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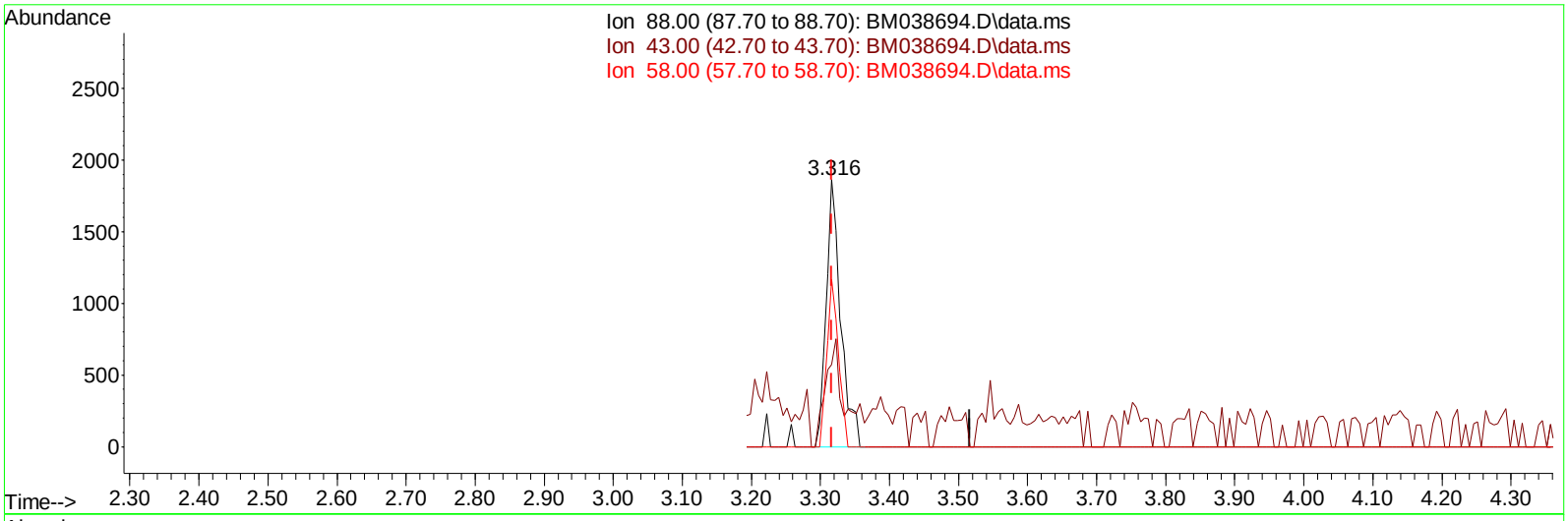

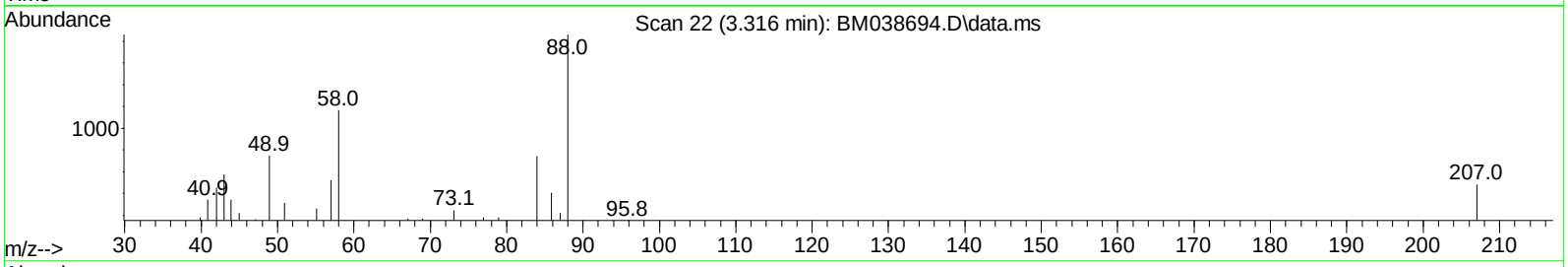

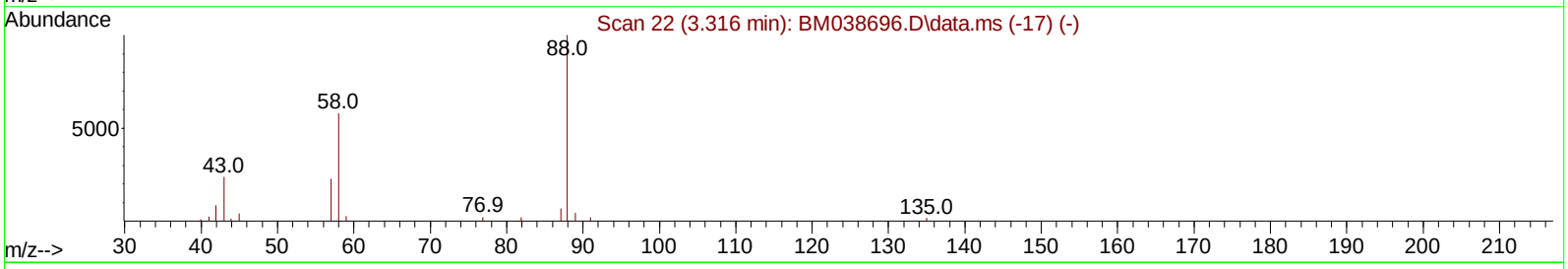

TIC: BM038694.D\data.ms

(2) 1,4-Dioxane

3.316min (-0.000) 1.34 ng/uL m

response 2709

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	25.70	30.79
58.00	56.80	62.60
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	66711	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	262876	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	217019	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	493719	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	430419	20.000	ng/ul	0.00
88) Perylene-d12	23.850	264	500614	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	2632	1.407	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.440	132	17406	4.713	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.081	128	8686	4.359	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	11557	4.392	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	23812	4.089	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.963	166	83131	4.637	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	87022	4.562	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.539	176	69551	4.338	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.386	188	108279	4.357	ng/ul	0.00
81) Pyrene-d10	19.680	212	111963	5.048	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.697	264	117538	4.574	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	2709m	1.344	ng/uL	
12) 2-Chlorophenol	7.475	128	16756	4.522	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.722	70	12566	4.356	ng/ul	96
19) Hexachloroethane	8.981	117	7586	4.059	ng/ul	96
22) Nitrobenzene	9.122	77	19346	3.226	ng/ul	95
23) Isophorone	9.645	82	37014	4.079	ng/ul	99
25) 2-Nitrophenol	9.834	139	11401	4.371	ng/ul	95
26) 2,4-Dimethylphenol	9.898	107	20209	3.567	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.134	93	22840	4.936	ng/ul	98
29) 2,4-Dichlorophenol	10.381	162	23372	4.222	ng/ul	99
30) Naphthalene	10.769	128	59718	4.579	ng/ul	99
33) Hexachlorobutadiene	11.039	225	12759	2.218	ng/ul	93
35) 4-Chloro-3-methylphenol	12.022	107	18701	4.277	ng/ul	95
36) 2-Methylnaphthalene	12.375	142	46905	4.835	ng/ul	97
37) 1-Methylnaphthalene	12.592	142	48622	4.855	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.739	216	23456	2.196	ng/ul	97
41) 2,4,6-Trichlorophenol	12.992	196	18414	2.831	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	21193	3.051	ng/ul	97
43) 1,1'-Biphenyl	13.386	154	73668	4.415	ng/ul	100
44) 2-Chloronaphthalene	13.427	162	59511	4.293	ng/ul	96
45) 2-Nitroaniline	13.645	65	10498	2.831	ng/ul	83
47) Dimethylphthalate	14.010	163	80516	4.564	ng/ul	98
48) 2,6-Dinitrotoluene	14.139	165	14579	4.463	ng/ul#	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.269	152	91086	4.775	ng/ul	99
52) Acenaphthene	14.610	153	64464	4.540	ng/ul	95
56) Dibenzofuran	14.945	168	94964	4.497	ng/ul	99
57) 2,4-Dinitrotoluene	14.921	165	21537	4.473	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.180	232	15334	2.521	ng/ul	98
59) Diethylphthalate	15.363	149	80546	4.871	ng/ul	98
61) Fluorene	15.592	166	79783	4.486	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.586	204	34114	2.726	ng/ul	98
67) N-Nitrosodiphenylamine	15.804	169	66510	4.778	ng/ul	100
68) 4-Bromophenyl-phenylether	16.480	248	21411	3.078	ng/ul	89
69) Hexachlorobenzene	16.592	284	26801	3.300	ng/ul	96
72) Phenanthrene	17.333	178	130198	5.046	ng/ul	99
74) Anthracene	17.421	178	130712	4.838	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	23512	2.478	ng/uL	93
76) Pentachlorobenzene	14.863	250	27468	2.782	ng/uL	88
78) Di-n-butylphthalate	18.251	149	157071	6.923	ng/ul	100
80) Fluoranthene	19.345	202	144397	5.617	ng/ul	98
82) Pyrene	19.709	202	149732	5.488	ng/ul	98
83) Butylbenzylphthalate	20.598	149	75469	9.591	ng/ul	97
85) Benzo(a)anthracene	21.450	228	135494	4.444	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.368	149	115727	10.336	ng/ul	97
87) Chrysene	21.503	228	124187	4.400	ng/ul	99
90) Benzo(b)fluoranthene	23.121	252	145273	4.694	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	144078	4.670	ng/ul	97
93) Benzo(a)pyrene	23.744	252	123548	4.311	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	155976	3.443	ng/ul	98
95) Dibenzo(a,h)anthracene	26.338	278	125319	3.259	ng/ul	94
96) Benzo(g,h,i)perylene	27.091	276	128148	3.485	ng/ul	98

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

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