Quantitation Report (Qedit)

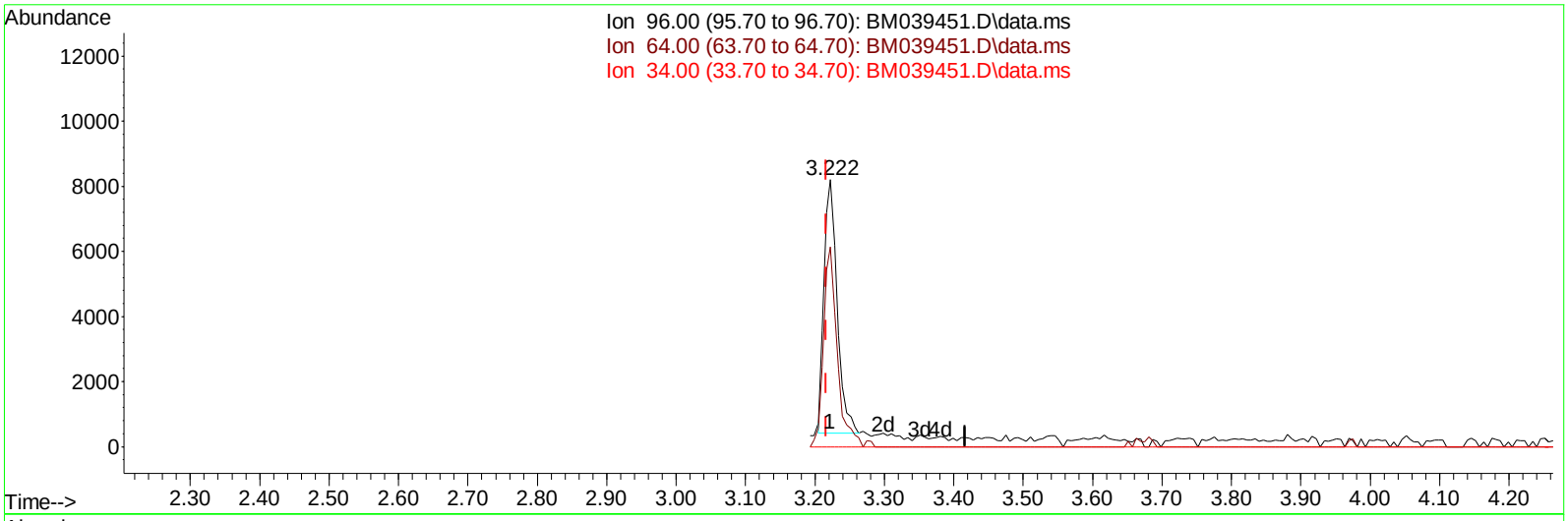
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039451.D
Acq On : 18 Apr 2023 10:44
Operator : CG/JU
Sample : SSTD00545
Misc :
ALS Vial : 2 Sample Multiplier: 1

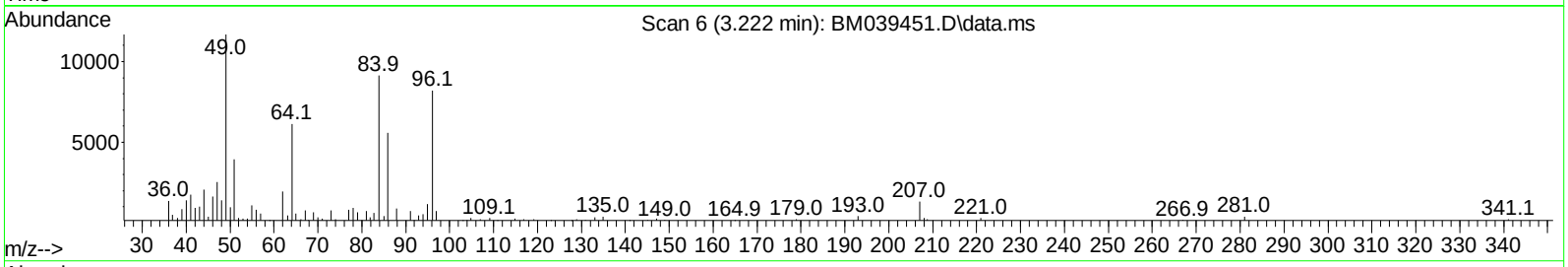
Quant Time: Apr 18 23:24:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 18 18:09:04 2023
Response via : Initial Calibration

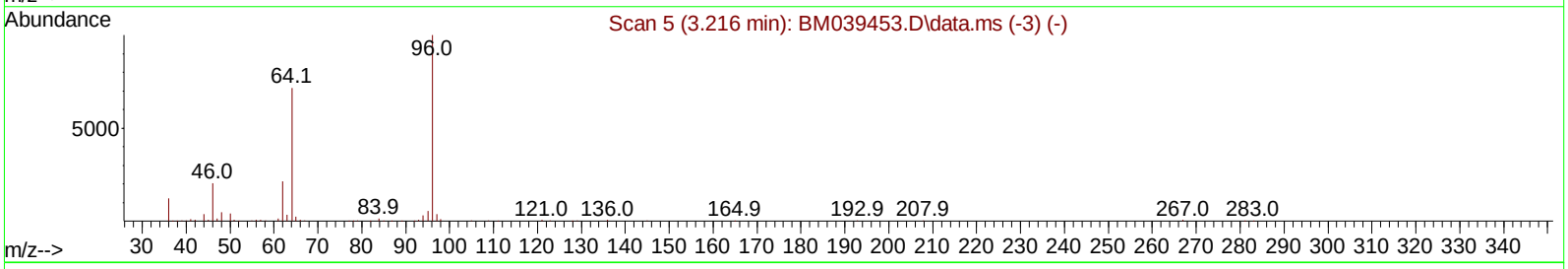
Instrument :
BNA_M
ClientSampleId :
SSTD005006

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023







TIC: BM039451.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.222min (+ 0.006) 1.80 ng/uL

response 10326

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.10	74.92
34.00	0.00	0.00
0.00	0.00	0.00

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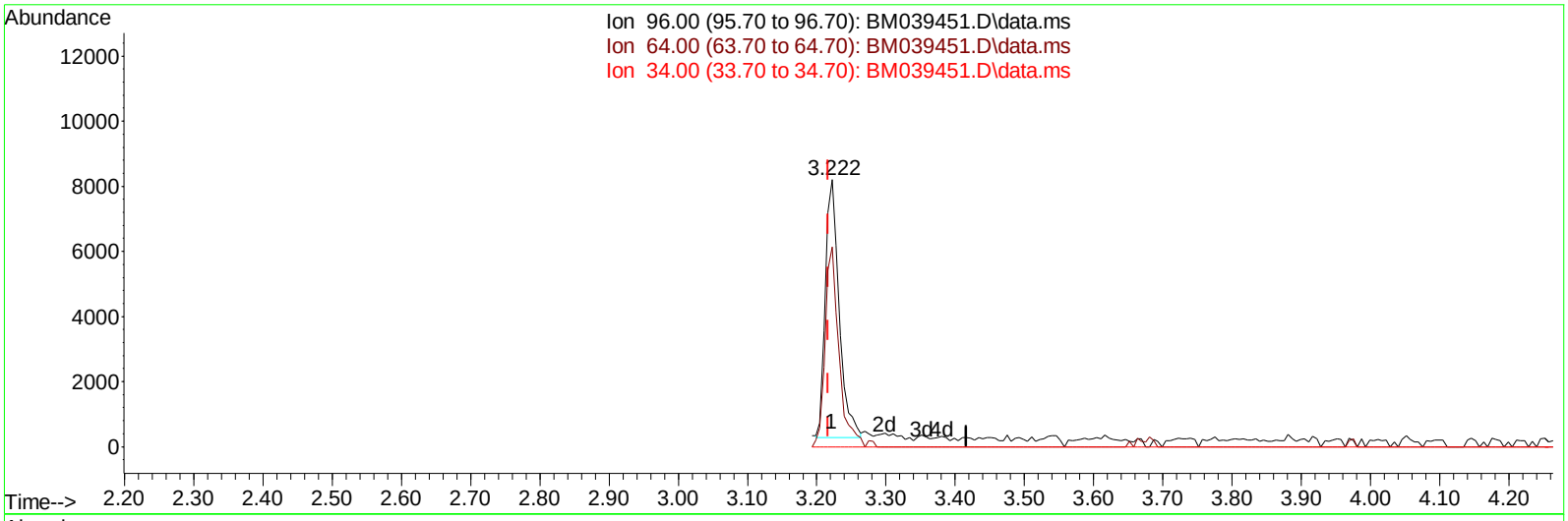

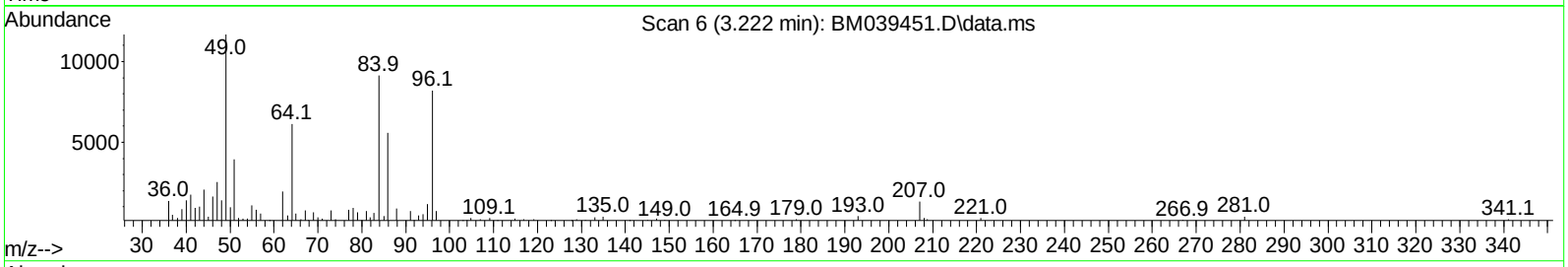

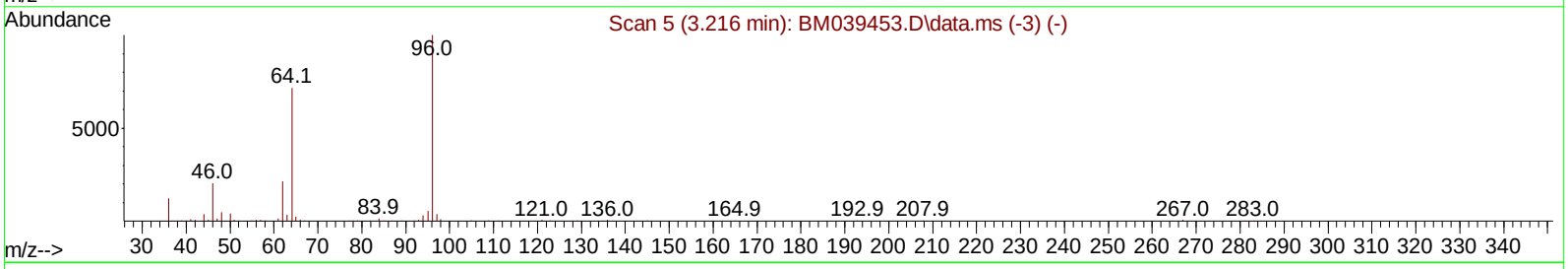

TIC: BM039451.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.222min (+ 0.006) 1.90 ng/uL m

response 10918

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.10	74.92
34.00	0.00	0.00
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	7.834	152	217393	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	993151	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	668670	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1433220	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	1263509	20.000	ng/ul	0.00
88) Perylene-d12	23.809	264	1214577	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	10918m	1.903	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	7.369	132	71198	4.562	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.004	128	33574	4.202	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	36800	4.102	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	63468	4.111	ng/ul	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.904	166	252283	4.678	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	277348	4.578	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.486	176	210373	4.761	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.339	188	330340	4.793	ng/ul	0.00
81) Pyrene-d10	19.639	212	378515	4.508	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.650	264	298614	4.554	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	12546	2.024	ng/uL	97
12) 2-Chlorophenol	7.404	128	69968	4.455	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.645	70	67297	4.619	ng/ul	96
19) Hexachloroethane	8.910	117	34193	4.794	ng/ul	96
22) Nitrobenzene	9.051	77	84296	4.273	ng/ul	97
23) Isophorone	9.575	82	192637	4.579	ng/ul	99
25) 2-Nitrophenol	9.763	139	39186	4.186	ng/ul	96
26) 2,4-Dimethylphenol	9.833	107	85387	4.463	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.063	93	110555	4.469	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	63949	4.205	ng/ul	99
30) Naphthalene	10.692	128	264252	4.809	ng/ul	99
33) Hexachlorobutadiene	10.969	225	48026	4.793	ng/ul	97
35) 4-Chloro-3-methylphenol	11.969	107	79315	4.467	ng/ul	97
36) 2-Methylnaphthalene	12.310	142	173842	4.719	ng/ul	99
37) 1-Methylnaphthalene	12.527	142	177454	4.794	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.680	216	91513	4.559	ng/ul	100
41) 2,4,6-Trichlorophenol	12.933	196	56706	4.229	ng/ul	98
42) 2,4,5-Trichlorophenol	13.021	196	55726	3.999	ng/ul	99
43) 1,1'-Biphenyl	13.321	154	237513	4.596	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	186268	4.595	ng/ul	98
45) 2-Nitroaniline	13.592	65	43038	3.620	ng/ul	92
47) Dimethylphthalate	13.951	163	253570	4.749	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	44823	4.151	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.210	152	305936	4.721	ng/ul	99
52) Acenaphthene	14.557	153	213700	4.790	ng/ul	99
56) Dibenzofuran	14.892	168	293807	4.845	ng/ul	99
57) 2,4-Dinitrotoluene	14.874	165	62990	4.198	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.127	232	56237	4.508	ng/ul	99
59) Diethylphthalate	15.315	149	263240	4.756	ng/ul	100
61) Fluorene	15.539	166	248287	4.949	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.533	204	121095	4.870	ng/ul	98
67) N-Nitrosodiphenylamine	15.757	169	200105	4.686	ng/ul	100
68) 4-Bromophenyl-phenylether	16.433	248	70833	4.576	ng/ul	98
69) Hexachlorobenzene	16.545	284	84052	4.726	ng/ul	99
72) Phenanthrene	17.286	178	381801	4.798	ng/ul	99
74) Anthracene	17.374	178	380318	4.764	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.286	216	96156	4.505	ng/uL	99
76) Pentachlorobenzene	14.810	250	98353	4.681	ng/uL	98
78) Di-n-butylphthalate	18.215	149	463383	4.619	ng/ul	99
80) Fluoranthene	19.303	202	433924	4.409	ng/ul	99
82) Pyrene	19.668	202	469029	4.604	ng/ul	98
83) Butylbenzylphthalate	20.568	149	205231	4.268	ng/ul	99
85) Benzo(a)anthracene	21.421	228	427691	4.680	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.344	149	318302	4.451	ng/ul	100
87) Chrysene	21.474	228	411411	4.719	ng/ul	99
90) Benzo(b)fluoranthene	23.086	252	388652	4.548	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	386162	4.601	ng/ul	99
93) Benzo(a)pyrene	23.703	252	335270	4.654	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.262	276	363138	4.583	ng/ul	99
95) Dibenzo(a,h)anthracene	26.279	278	298081	4.537	ng/ul	100
96) Benzo(g,h,i)perylene	27.015	276	287858	4.561	ng/ul	98

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

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