Quantitation Report (Qedit)

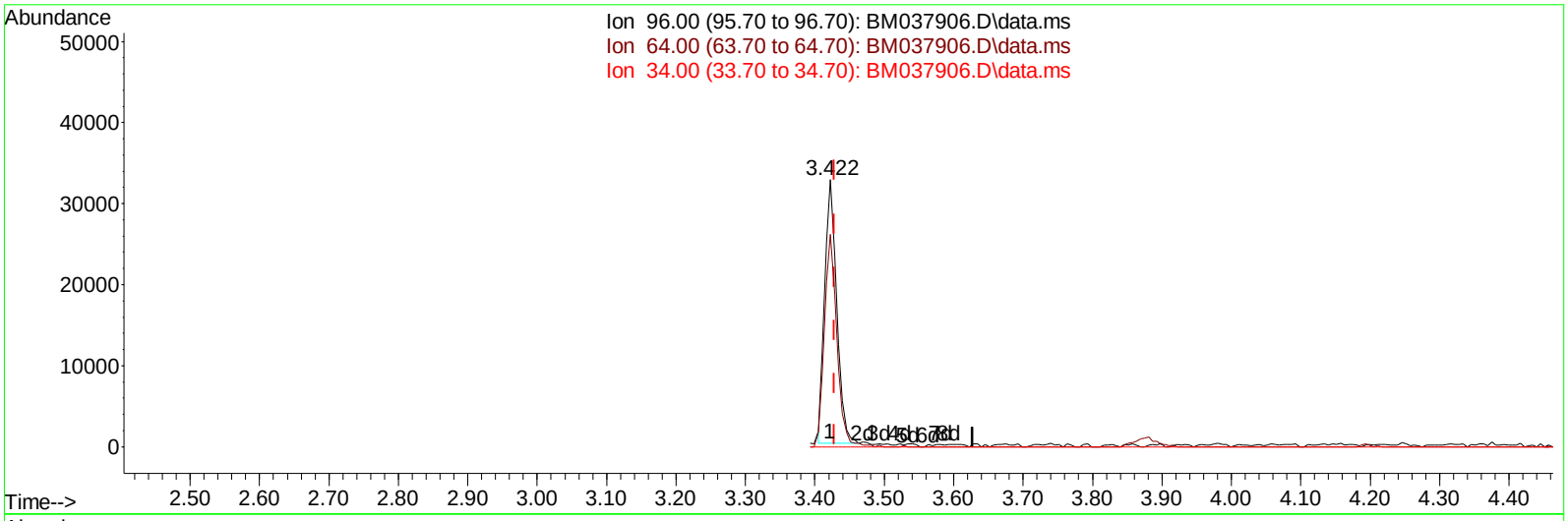
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037906.D
Acq On : 09 Dec 2022 03:35
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

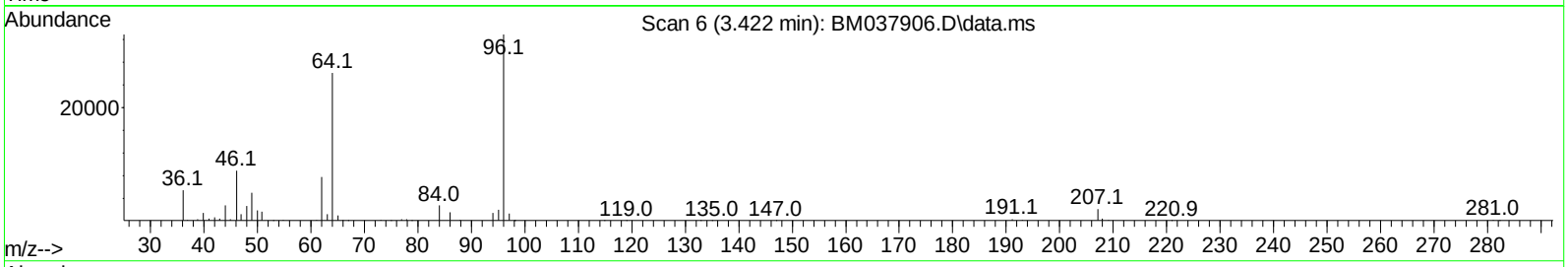
Quant Time: Dec 09 06:39:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

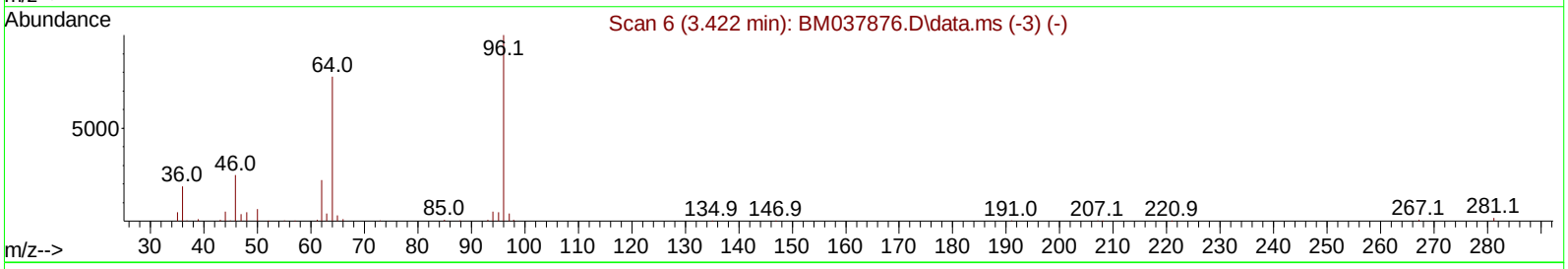
Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037906.D\data.ms

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

3.422min (-0.006) 6.52 ng/uL

response 39417

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	79.55
34.00	0.00	0.00
0.00	0.00	0.00

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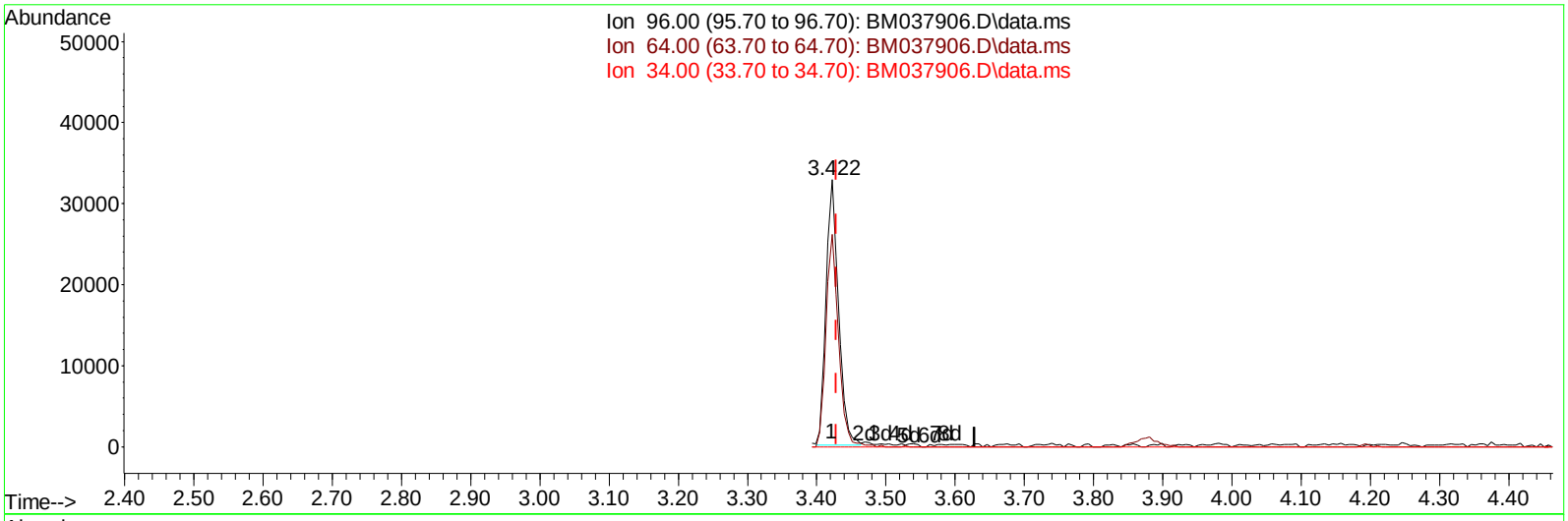

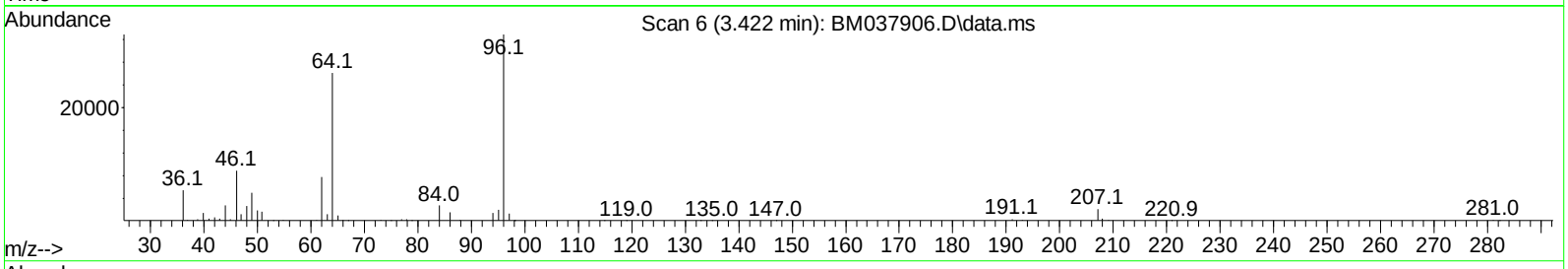

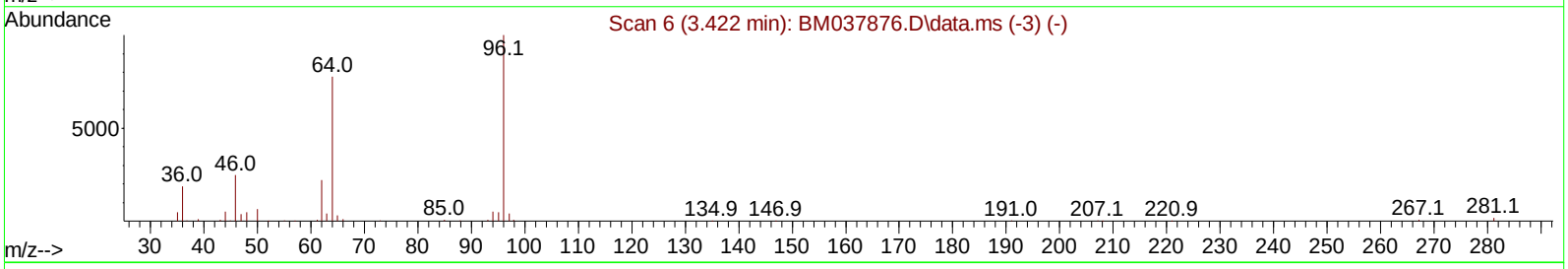

TIC: BM037906.D\data.ms

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

3.422min (-0.006) 6.76 ng/uL m

response 40874

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	79.55
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	8.081	152	274677	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.904	136	1154166	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	667656	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1231461	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	875046	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	949425	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	40874m	6.757	ng/uL	0.00
4) Pyridine-d5	3.858	84	328863	18.325	ng/ul	0.00
7) Phenol-d5	7.240	99	430482	19.286	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	259274	19.076	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	365494	19.961	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	341748	19.615	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	186242	20.381	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	201476	21.039	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	367214	20.188	ng/ul	0.00
31) 4-Chloroaniline-d4	11.039	131	482808	19.229	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	956631	20.098	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1163362	19.998	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	140274	17.292	ng/ul	0.00
60) Fluorene-d10	15.698	176	829373	19.557	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	115101	17.482	ng/ul	0.00
73) Anthracene-d10	17.551	188	1137085	19.784	ng/ul	0.00
81) Pyrene-d10	19.833	212	1094029	20.813	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	956783	20.176	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	43669	6.881	ng/uL	92
5) Pyridine	3.881	79	323556	17.941	ng/ul	97
6) Benzaldehyde	7.216	77	163789	19.619	ng/ul	95
8) Phenol	7.263	94	429431	19.183	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.498	93	350655	19.076	ng/ul	98
12) 2-Chlorophenol	7.646	128	373310	19.935	ng/ul	98
13) 2-Methylphenol	8.528	108	338518	19.760	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.616	45	609620	18.366	ng/ul	98
16) Acetophenone	8.916	105	542651	19.803	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.898	70	261071	20.225	ng/ul	96
18) 4-Methylphenol	8.857	108	365091	19.701	ng/ul	98
19) Hexachloroethane	9.169	117	139759	18.669	ng/ul	95
22) Nitrobenzene	9.298	77	390626	19.867	ng/ul	96
23) Isophorone	9.828	82	711917	19.759	ng/ul	99
25) 2-Nitrophenol	10.016	139	206944	20.612	ng/ul	99
26) 2,4-Dimethylphenol	10.069	107	395843	20.388	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.304	93	466242	19.466	ng/ul	99
29) 2,4-Dichlorophenol	10.545	162	358734	20.101	ng/ul	99
30) Naphthalene	10.957	128	1232628	19.790	ng/ul	99
32) 4-Chloroaniline	11.069	127	472192	18.859	ng/ul	98
33) Hexachlorobutadiene	11.234	225	231522	19.721	ng/ul	99
34) Caprolactam	11.851	113	91880	20.071	ng/ul	91
35) 4-Chloro-3-methylphenol	12.181	107	333430	20.526	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.551	142	794549	19.668	ng/ul	98
37) 1-Methylnaphthalene	12.769	142	819166	19.831	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.916	216	433285	19.862	ng/ul	96
40) Hexachlorocyclopentadiene	12.892	237	130539	10.460	ng/ul	99
41) 2,4,6-Trichlorophenol	13.157	196	273560	20.587	ng/ul	98
42) 2,4,5-Trichlorophenol	13.227	196	288360	20.808	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	1063672	19.820	ng/ul	100
44) 2-Chloronaphthalene	13.598	162	828780	20.019	ng/ul	98
45) 2-Nitroaniline	13.798	65	204743	20.525	ng/ul	97
47) Dimethylphthalate	14.169	163	948459	20.196	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	191873	21.034	ng/ul	96
50) Acenaphthylene	14.439	152	1282146	20.043	ng/ul	99
51) 3-Nitroaniline	14.622	138	173534	19.067	ng/ul	100
52) Acenaphthene	14.774	153	868391	19.627	ng/ul	98
53) 2,4-Dinitrophenol	14.822	184	69389	15.502	ng/ul	93
55) 4-Nitrophenol	14.922	109	97355	18.198	ng/ul	99
56) Dibenzofuran	15.110	168	1189248	19.687	ng/ul	99
57) 2,4-Dinitrotoluene	15.074	165	254163	20.574	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.333	232	234071	20.079	ng/ul	99
59) Diethylphthalate	15.521	149	922683	19.722	ng/ul	99
61) Fluorene	15.757	166	962572	19.539	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	479779	19.928	ng/ul	98
63) 4-Nitroaniline	15.774	138	150399	18.225	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.833	198	112149	17.595	ng/ul	96
67) N-Nitrosodiphenylamine	15.957	169	769786	20.723	ng/ul	99
68) 4-Bromophenyl-phenylether	16.639	248	285836	21.174	ng/ul	100
69) Hexachlorobenzene	16.757	284	327631	20.332	ng/ul	98
70) Atrazine	16.904	200	243036	19.145	ng/ul	99
71) Pentachlorophenol	17.098	266	164061	18.313	ng/ul	96
72) Phenanthrene	17.498	178	1311468	19.501	ng/ul	100
74) Anthracene	17.586	178	1346170	19.697	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.522	216	416192	20.905	ng/uL	98
76) Pentachlorobenzene	15.027	250	415248	21.056	ng/uL	99
77) Carbazole	17.857	167	1103144	18.631	ng/ul	99
78) Di-n-butylphthalate	18.404	149	1398162	19.866	ng/ul	100
80) Fluoranthene	19.498	202	1295171	20.878	ng/ul	99
82) Pyrene	19.862	202	1344271	20.821	ng/ul	99
83) Butylbenzylphthalate	20.739	149	494284	20.589	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	318797	18.411	ng/ul	96
85) Benzo(a)anthracene	21.603	228	1185317	20.120	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.509	149	709614	20.318	ng/ul	99
87) Chrysene	21.656	228	1118389	20.234	ng/ul	99
89) Di-n-octyl phthalate	22.462	149	1149288	18.892	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1194323	20.291	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	1138256	19.954	ng/ul	99
93) Benzo(a)pyrene	23.992	252	1038382	20.061	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.703	276	1341727	20.127	ng/ul	99
95) Dibenzo(a,h)anthracene	26.715	278	1140149	20.288	ng/ul	98
96) Benzo(g,h,i)perylene	27.509	276	1047669	19.684	ng/ul	97

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

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