Quantitation Report (Qedit)

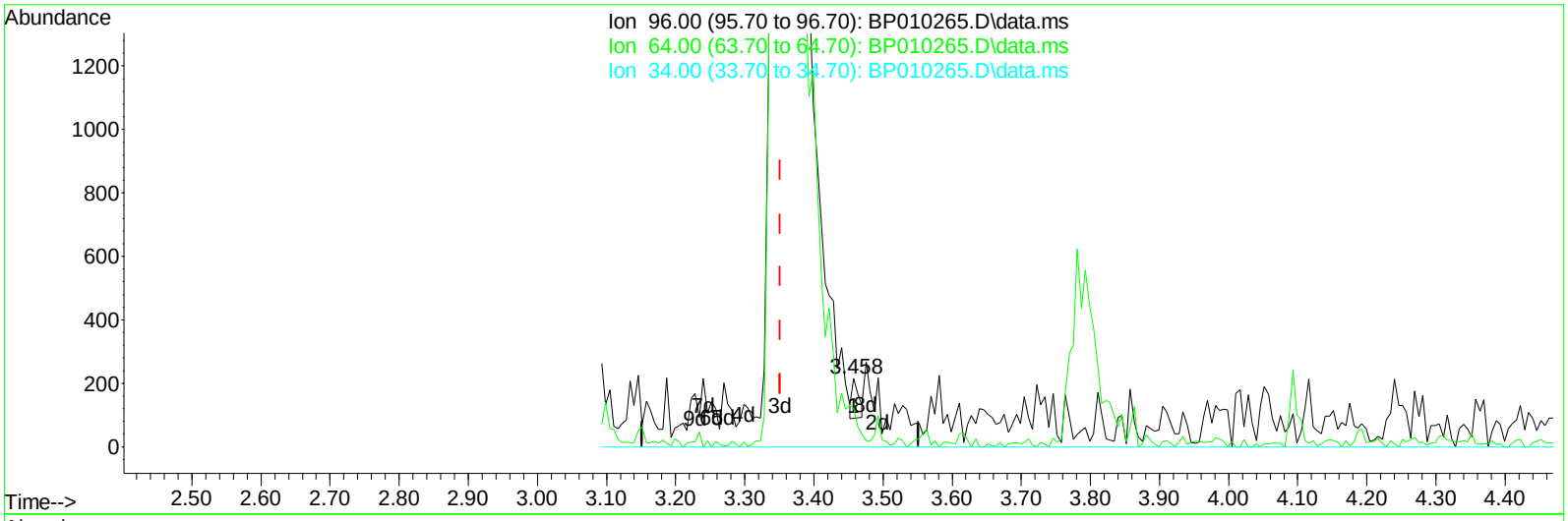
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
Data File : BP010265.D
Acq On : 10 May 2022 14:46
Operator : CG/JU
Sample : SSTD02032
Misc :
ALS Vial : 8 Sample Multiplier: 1

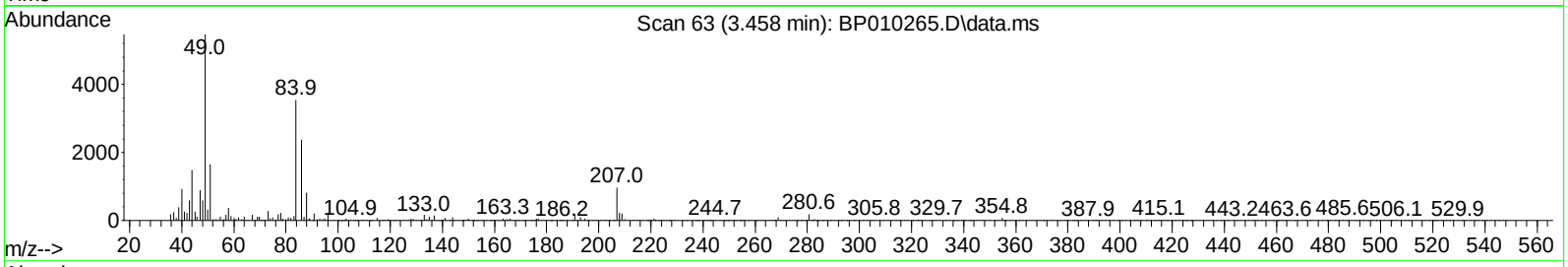
Quant Time: May 10 15:23:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 15:17:10 2022
Response via : Initial Calibration

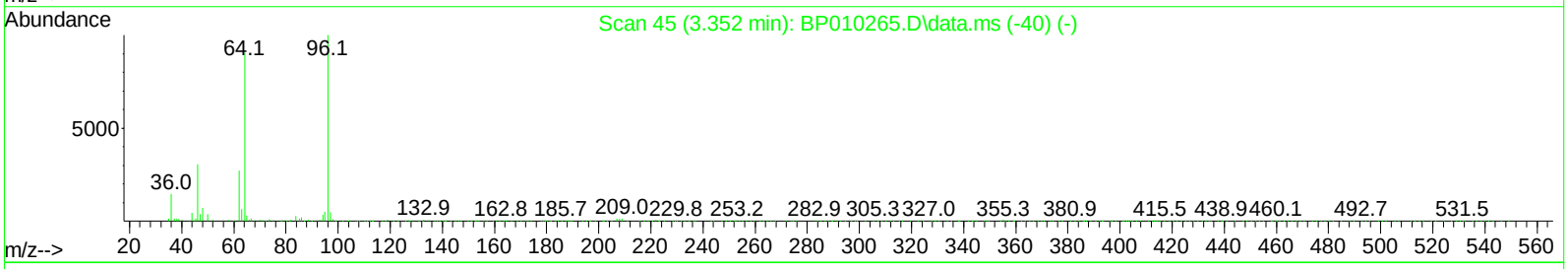
Instrument :
BNA_P
ClientSampleId :
SSTD020636

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/11/2022
Supervised By :mohammad ahmed 05/12/2022







TIC: BP010265.D\data.ms

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

3.458min (+ 0.106) 0.03 ng/uL

response 84

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	55.40	55.56
34.00	0.00	0.00
0.00	0.00	0.00

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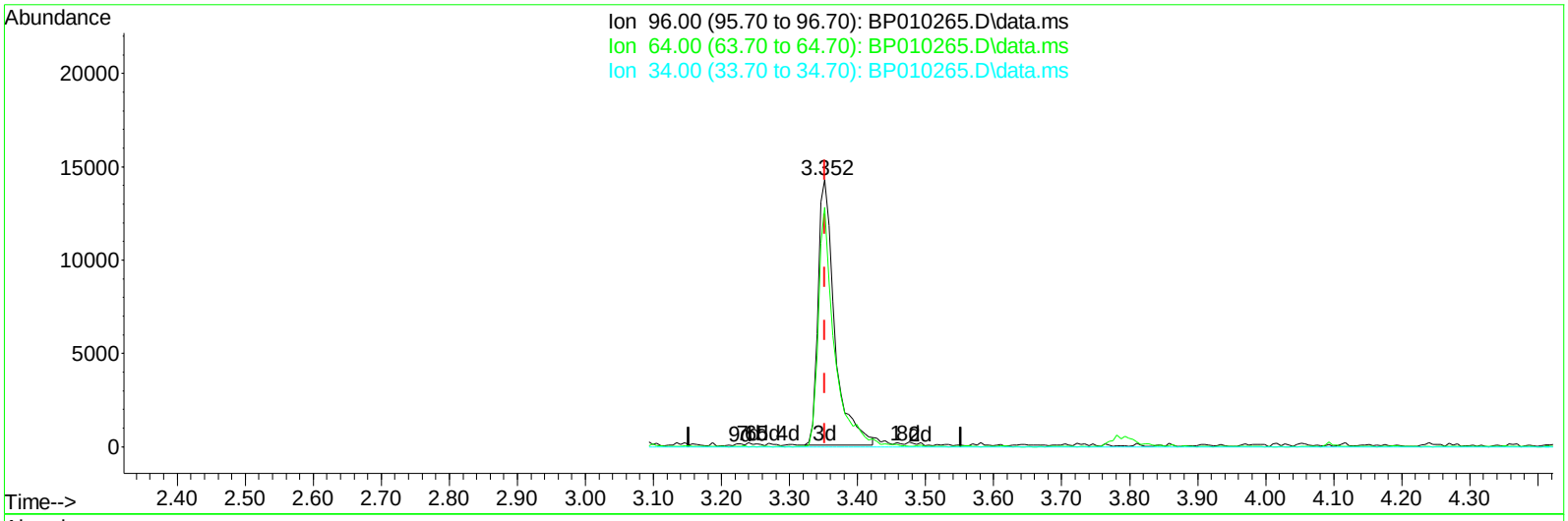

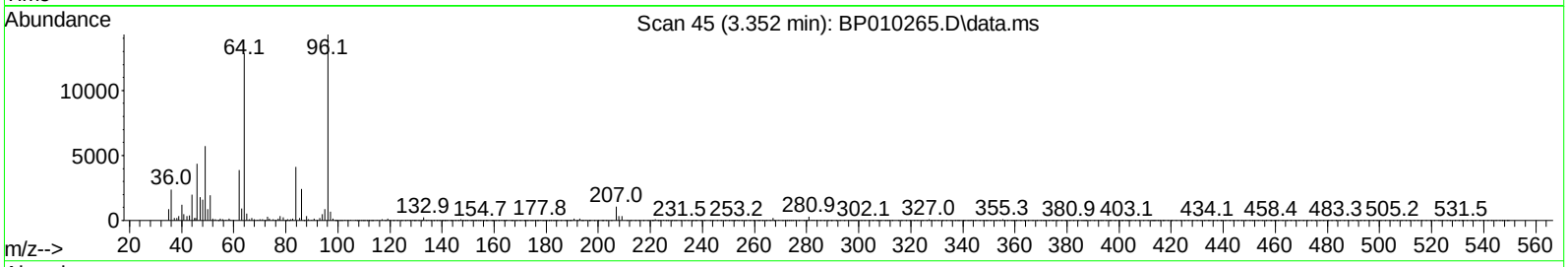

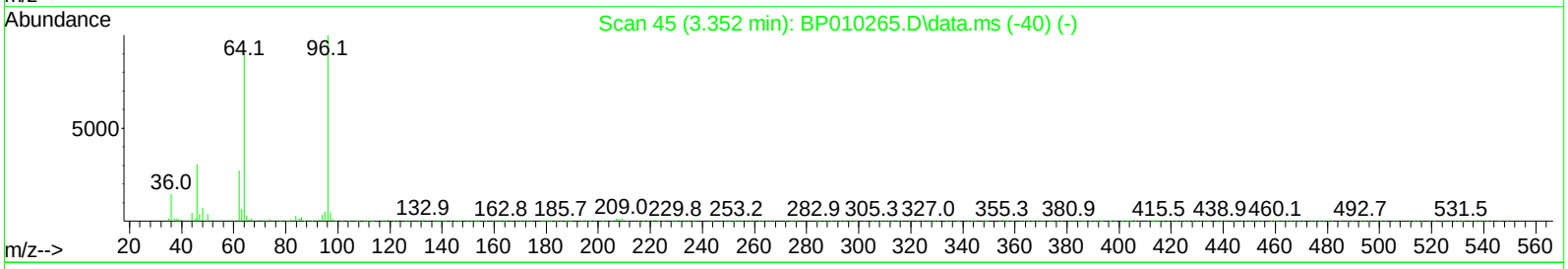

TIC: BP010265.D\data.ms

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

3.352min (0.000) 8.94 ng/uL m

response 24353

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	55.40	89.70#
34.00	0.00	0.00
0.00	0.00	0.00

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	118722	20.000	ng/ul		0.00
20) Naphthalene-d8	10.722	136	536485	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.551	164	379238	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.304	188	852609	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.386	240	906629	20.000	ng/ul	#	0.00
88) Perylene-d12	23.827	264	933029	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.352	96	24353m	8.945	ng/uL		0.00
4) Pyridine-d5	3.769	84	165838	21.652	ng/ul		0.00
7) Phenol-d5	7.081	99	238850	22.118	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	153559	23.698	ng/ul		0.00
11) 2-Chlorophenol-d4	7.446	132	184750	23.101	ng/ul		0.00
15) 4-Methylphenol-d8	8.622	113	202196	22.599	ng/ul		0.00
21) Nitrobenzene-d5	9.075	128	95980	22.494	ng/ul		0.00
24) 2-Nitrophenol-d4	9.799	143	109292	23.453	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.340	165	201593	22.222	ng/ul		0.00
31) 4-Chloroaniline-d4	10.857	131	300695	23.117	ng/ul		0.00
46) Dimethylphthalate-d6	13.957	166	676003	22.915	ng/ul		0.00
49) Acenaphthylene-d8	14.239	160	810570	22.703	ng/ul		0.00
54) 4-Nitrophenol-d4	14.745	143	124726	22.966	ng/ul		0.00
60) Fluorene-d10	15.545	176	571251	22.511	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	122921	22.800	ng/ul		0.00
73) Anthracene-d10	17.404	188	922807	22.372	ng/ul		0.00
81) Pyrene-d10	19.633	212	1127268	21.863	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.668	264	1126587	23.032	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	24261	8.575	ng/uL	#	18
5) Pyridine	3.787	79	175928	22.097	ng/ul	#	35
6) Benzaldehyde	7.052	77	158105	27.397	ng/ul		96
8) Phenol	7.105	94	241607	22.267	ng/ul	#	95
10) Bis(2-Chloroethyl)ether	7.334	93	195349	23.368	ng/ul	#	75
12) 2-Chlorophenol	7.481	128	183487	22.746	ng/ul		93
13) 2-Methylphenol	8.357	108	186127	22.367	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.446	45	307715	24.807	ng/ul	#	82
16) Acetophenone	8.740	105	320440	22.955	ng/ul	#	80
17) N-Nitroso-di-n-propyla...	8.722	70	172147	23.538	ng/ul	#	74
18) 4-Methylphenol	8.687	108	206156	22.500	ng/ul		88
19) Hexachloroethane	8.999	117	76068	22.441	ng/ul	#	81
22) Nitrobenzene	9.116	77	242640	23.210	ng/ul	#	83
23) Isophorone	9.646	82	480458	23.268	ng/ul	#	97
25) 2-Nitrophenol	9.828	139	114123	23.123	ng/ul	#	84
26) 2,4-Dimethylphenol	9.893	107	241669	22.617	ng/ul	#	77
27) Bis(2-Chloroethoxy)met...	10.128	93	281338	23.246	ng/ul	#	97
29) 2,4-Dichlorophenol	10.363	162	195974	22.472	ng/ul	#	87
30) Naphthalene	10.769	128	633219	22.551	ng/ul		97
32) 4-Chloroaniline	10.881	127	305429	23.828	ng/ul		99
33) Hexachlorobutadiene	11.063	225	131694	21.308	ng/ul		93
34) Caprolactam	11.651	113	72993	23.269	ng/ul	#	4
35) 4-Chloro-3-methylphenol	12.004	107	238099	22.601	ng/ul	#	69

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	454902	22.338	ng/ul	94
37) 1-Methylnaphthalene	12.598	142	457008	22.102	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.745	216	255854	21.837	ng/ul#	94
40) Hexachlorocyclopentadiene	12.728	237	137735	20.859	ng/ul	94
41) 2,4,6-Trichlorophenol	12.987	196	172678	22.778	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.057	196	187913	22.782	ng/ul#	88
43) 1,1'-Biphenyl	13.387	154	633956	22.665	ng/ul	93
44) 2-Chloronaphthalene	13.428	162	486783	22.489	ng/ul	93
45) 2-Nitroaniline	13.628	65	167694	23.892	ng/ul#	79
47) Dimethylphthalate	14.004	163	660001	23.020	ng/ul#	92
48) 2,6-Dinitrotoluene	14.122	165	135734	23.069	ng/ul	98
50) Acenaphthylene	14.269	152	811589	22.948	ng/ul	95
51) 3-Nitroaniline	14.451	138	101886	19.116	ng/ul#	82
52) Acenaphthene	14.616	153	519334	22.583	ng/ul	96
53) 2,4-Dinitrophenol	14.657	184	80117	24.367	ng/ul#	76
55) 4-Nitrophenol	14.763	109	107386	22.759	ng/ul#	46
56) Dibenzofuran	14.951	168	763433	22.419	ng/ul	100
57) 2,4-Dinitrotoluene	14.910	165	202553	23.565	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.175	232	165130	22.522	ng/ul#	86
59) Diethylphthalate	15.369	149	676845	23.210	ng/ul	93
61) Fluorene	15.598	166	631757	22.596	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.592	204	329358	22.384	ng/ul	98
63) 4-Nitroaniline	15.616	138	98091	18.913	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.675	198	122741	23.598	ng/ul#	90
67) N-Nitrosodiphenylamine	15.804	169	558552	22.832	ng/ul	94
68) 4-Bromophenyl-phenylether	16.492	248	198973	21.879	ng/ul	94
69) Hexachlorobenzene	16.610	284	228132	21.611	ng/ul#	87
70) Atrazine	16.763	200	222199	22.341	ng/ul#	90
71) Pentachlorophenol	16.957	266	147339	21.917	ng/ul#	83
72) Phenanthrene	17.345	178	1034877	22.331	ng/ul	98
74) Anthracene	17.439	178	1047385	22.439	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	274460	22.050	ng/uL#	85
76) Pentachlorobenzene	14.875	250	264675	21.684	ng/uL	91
77) Carbazole	17.704	167	928158	22.471	ng/ul#	96
78) Di-n-butylphthalate	18.257	149	1182053	23.261	ng/ul#	93
80) Fluoranthene	19.310	202	1274634	21.917	ng/ul	96
82) Pyrene	19.663	202	1326403	22.137	ng/ul#	94
83) Butylbenzylphthalate	20.533	149	563217	22.740	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.298	252	408709	25.054	ng/ul#	97
85) Benzo(a)anthracene	21.368	228	1324292	23.016	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.292	149	835872	22.771	ng/ul#	82
87) Chrysene	21.421	228	1293592	22.833	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	1418979	19.563	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1368523	21.818	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	1331432	22.409	ng/ul#	98
93) Benzo(a)pyrene	23.721	252	1354122	23.345	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.380	276	1529369	26.505	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.398	278	1314094	26.615	ng/ul#	96
96) Benzo(g,h,i)perylene	27.162	276	1300327	26.707	ng/ul#	91

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

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