Quantitation Report (Qedit)

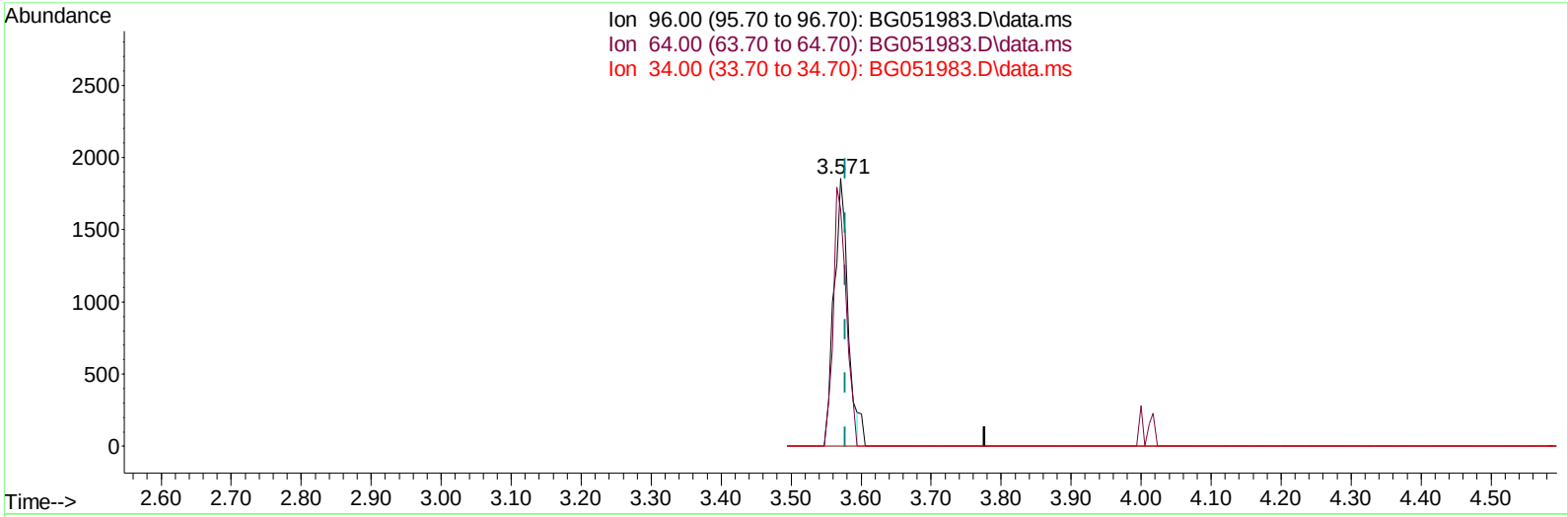
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051983.D
Acq On : 14 Jan 2022 19:15
Operator : CG/JU
Sample : PB142017BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

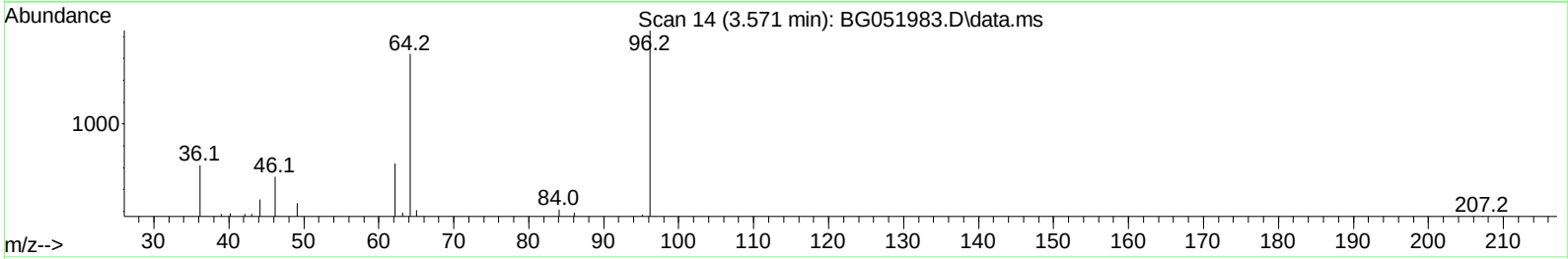
Quant Time: Jan 17 00:20:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

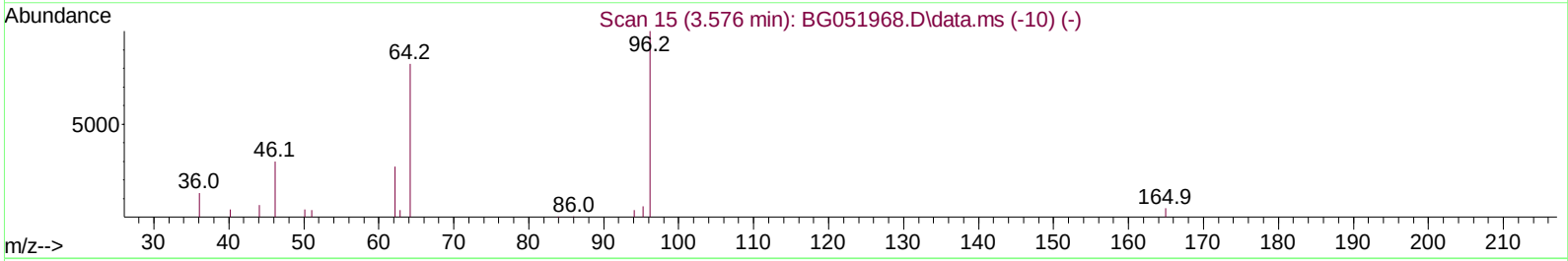
Instrument :
BNA_G
ClientSampleId :
SLCS017

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022







TIC: BG051983.D\data.ms

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

3.571min (-0.006) 3.90 ng/uL

response 2535

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	88.57
34.00	0.00	0.00
0.00	0.00	0.00

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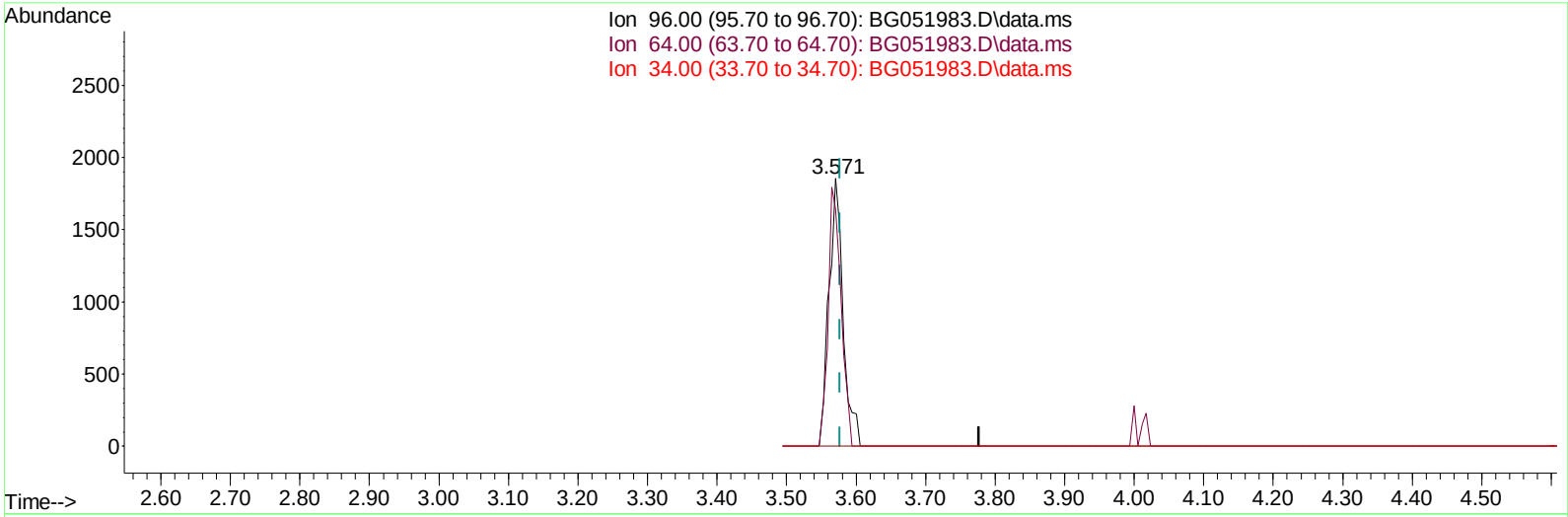

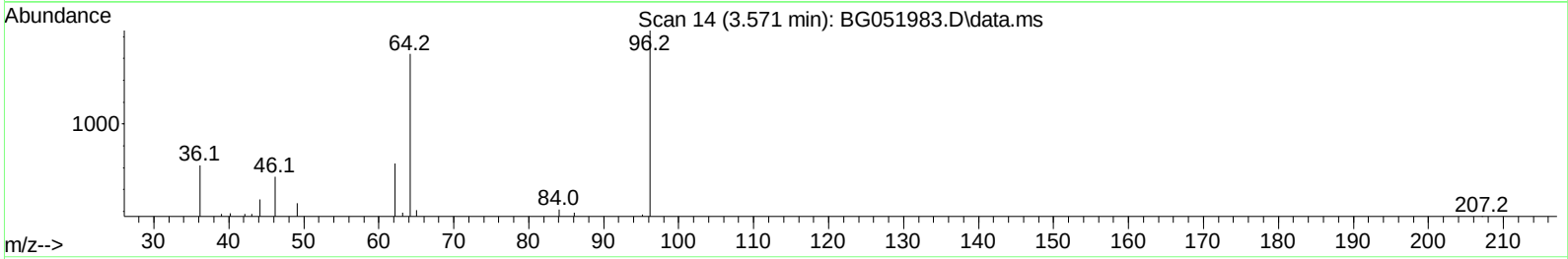

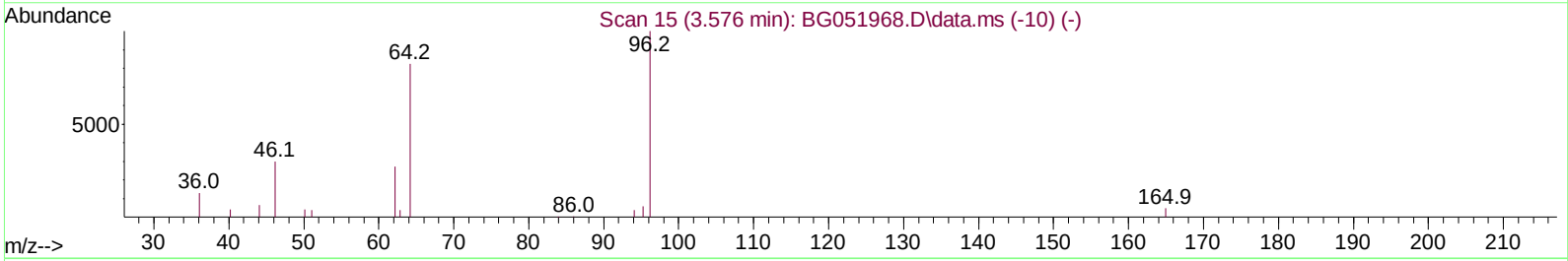

TIC: BG051983.D\data.ms

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

3.571min (-0.006) 4.02 ng/uL m

response 2614

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	88.57
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	8.247	152	23213	20.000	ng/ul	0.00
20) Naphthalene-d8	11.090	136	104469	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.897	164	81586	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.646	188	192930	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.969	240	137385	20.000	ng/ul	# 0.01
88) Perylene-d12	25.453	264	144661	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	2614m	4.024	ng/uL	0.00
4) Pyridine-d5	3.994	84	50499	25.007	ng/ul	-0.01
7) Phenol-d5	7.389	99	75990	33.447	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	41531	28.796	ng/ul	0.00
11) 2-Chlorophenol-d4	7.771	132	50924	33.854	ng/ul	0.00
15) 4-Methylphenol-d8	8.952	113	61444	34.790	ng/ul	0.00
21) Nitrobenzene-d5	9.422	128	27041	32.758	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	31294	34.277	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.702	165	64223	35.989	ng/ul	0.00
31) 4-Chloroaniline-d4	11.213	131	75003	30.180	ng/ul	0.00
46) Dimethylphthalate-d6	14.280	166	223479	33.139	ng/ul	0.00
49) Acenaphthylene-d8	14.585	160	274536	33.702	ng/ul	0.00
54) 4-Nitrophenol-d4	15.067	143	37237	33.026	ng/ul	0.00
60) Fluorene-d10	15.883	176	197367	33.568	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.989	200	35818	29.429	ng/ul	0.00
73) Anthracene-d10	17.746	188	309359	33.802	ng/ul	0.00
81) Pyrene-d10	20.019	212	298499	37.752	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.218	264	257136	33.764	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.606	88	6834	9.117	ng/uL#	79
5) Pyridine	4.017	79	53716	25.389	ng/ul	97
6) Benzaldehyde	7.366	77	41847	27.689	ng/ul	99
8) Phenol	7.413	94	73876	31.858	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.648	93	51300	30.221	ng/ul	94
12) 2-Chlorophenol	7.806	128	52048	34.013	ng/ul	99
13) 2-Methylphenol	8.687	108	56333	33.406	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.775	45	76931	29.713	ng/ul	96
16) Acetophenone	9.075	105	88745	31.838	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.052	70	53469	31.399	ng/ul	94
18) 4-Methylphenol	9.016	108	61678	33.766	ng/ul	92
19) Hexachloroethane	9.351	117	20930	31.681	ng/ul#	74
22) Nitrobenzene	9.463	77	76561	29.902	ng/ul	98
23) Isophorone	9.991	82	151556	31.308	ng/ul	96
25) 2-Nitrophenol	10.185	139	33266	33.154	ng/ul	98
26) 2,4-Dimethylphenol	10.232	107	70366	32.321	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.467	93	78370	31.444	ng/ul	97
29) 2,4-Dichlorophenol	10.726	162	60383	34.454	ng/ul	98
30) Naphthalene	11.143	128	180782	31.935	ng/ul	98
32) 4-Chloroaniline	11.237	127	75355	29.753	ng/ul	100
33) Hexachlorobutadiene	11.431	225	43172	30.903	ng/ul	96
34) Caprolactam	11.989	113	24546	35.986	ng/ul	97
35) 4-Chloro-3-methylphenol	12.347	107	74609	36.871	ng/ul	94

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.735	142	136201	33.777 ng/ul	96
37) 1-Methylnaphthalene	12.952	142	141537	34.201 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.099	216	88776	31.466 ng/ul	98
40) Hexachlorocyclopentadiene	13.081	237	33373	17.239 ng/ul	98
41) 2,4,6-Trichlorophenol	13.328	196	61365	34.413 ng/ul	98
42) 2,4,5-Trichlorophenol	13.404	196	67578	35.155 ng/ul	98
43) 1,1'-Biphenyl	13.728	154	201612	32.010 ng/ul#	94
44) 2-Chloronaphthalene	13.775	162	157981	32.387 ng/ul	97
45) 2-Nitroaniline	13.963	65	62747	33.565 ng/ul	96
47) Dimethylphthalate	14.327	163	212644	31.979 ng/ul	98
48) 2,6-Dinitrotoluene	14.450	165	46157	32.922 ng/ul	97
50) Acenaphthylene	14.615	152	266381	33.208 ng/ul	98
51) 3-Nitroaniline	14.785	138	41283	32.551 ng/ul	98
52) Acenaphthene	14.955	153	176319	33.059 ng/ul	98
53) 2,4-Dinitrophenol	14.985	184	18125	21.927 ng/ul	88
55) 4-Nitrophenol	15.085	109	39640	30.638 ng/ul	87
56) Dibenzofuran	15.290	168	252398	32.584 ng/ul	100
57) 2,4-Dinitrotoluene	15.237	165	68039	33.566 ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.513	232	61767	34.642 ng/ul#	88
59) Diethylphthalate	15.690	149	225353	32.848 ng/ul	97
61) Fluorene	15.942	166	213404	33.061 ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.925	204	119163	33.267 ng/ul	93
63) 4-Nitroaniline	15.942	138	44208	33.927 ng/ul	86
66) 4,6-Dinitro-2-methylph...	16.007	198	34581	29.719 ng/ul#	94
67) N-Nitrosodiphenylamine	16.136	169	188962	36.450 ng/ul	96
68) 4-Bromophenyl-phenylether	16.823	248	78898	34.932 ng/ul#	86
69) Hexachlorobenzene	16.953	284	88884	35.483 ng/ul#	89
70) Atrazine	17.076	200	82101	34.136 ng/ul	98
71) Pentachlorophenol	17.293	266	42898	30.665 ng/ul	96
72) Phenanthrene	17.687	178	335759	33.213 ng/ul	98
74) Anthracene	17.775	178	328022	32.415 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.698	216	95641	33.008 ng/uL	97
76) Pentachlorobenzene	15.214	250	103163	36.581 ng/uL	99
77) Carbazole	18.039	167	293563	32.195 ng/ul	98
78) Di-n-butylphthalate	18.586	149	344487	31.960 ng/ul	100
80) Fluoranthene	19.690	202	350807	38.393 ng/ul#	89
82) Pyrene	20.048	202	331414	36.839 ng/ul#	88
83) Butylbenzylphthalate	20.918	149	111548	35.629 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.840	252	99952	31.517 ng/ul#	98
85) Benzo(a)anthracene	21.946	228	307729	34.059 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.822	149	160345	35.020 ng/ul#	99
87) Chrysene	22.016	228	296283	34.055 ng/ul	99
89) Di-n-octyl phthalate	23.132	149	273081	34.173 ng/ul	100
90) Benzo(b)fluoranthene	24.343	252	313628	32.714 ng/ul#	96
91) Benzo(k)fluoranthene	24.413	252	300428	33.893 ng/ul#	95
93) Benzo(a)pyrene	25.294	252	306602	33.793 ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.494	276	360374	34.698 ng/ul#	86
95) Dibenzo(a,h)anthracene	29.559	278	308750	35.146 ng/ul#	93
96) Benzo(g,h,i)perylene	30.752	276	302381	34.627 ng/ul#	92

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

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