Quantitation Report (Qedit)

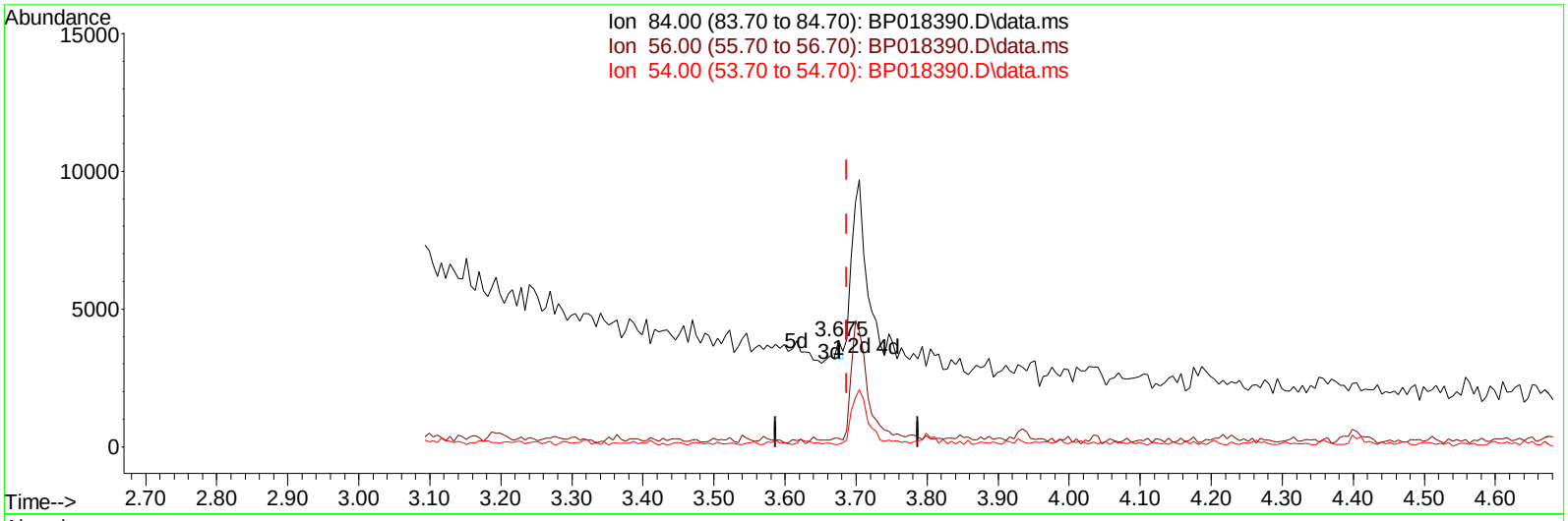
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018390.D
Acq On : 26 Nov 2023 04:53
Operator : MA/JU
Sample : 05261-18MS
Misc :
ALS Vial : 75 Sample Multiplier: 1

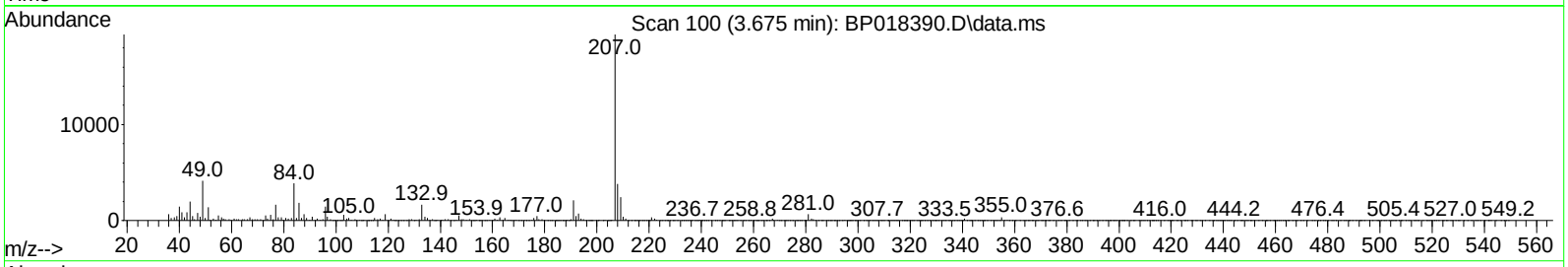
Quant Time: Nov 27 02:23:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

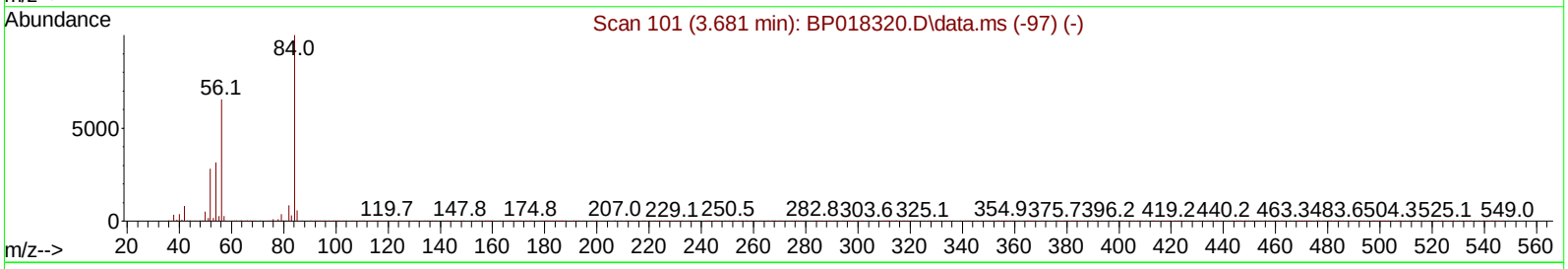
Instrument :
BNA_P
ClientSampleId :
DCKT5MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023







TIC: BP018390.D\data.ms

(4) Pyridine-d5 (S)

3.675min (-0.012) 0.01 ng/ul

response 335

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	66.10	8.00#
54.00	32.10	2.42#
0.00	0.00	0.00

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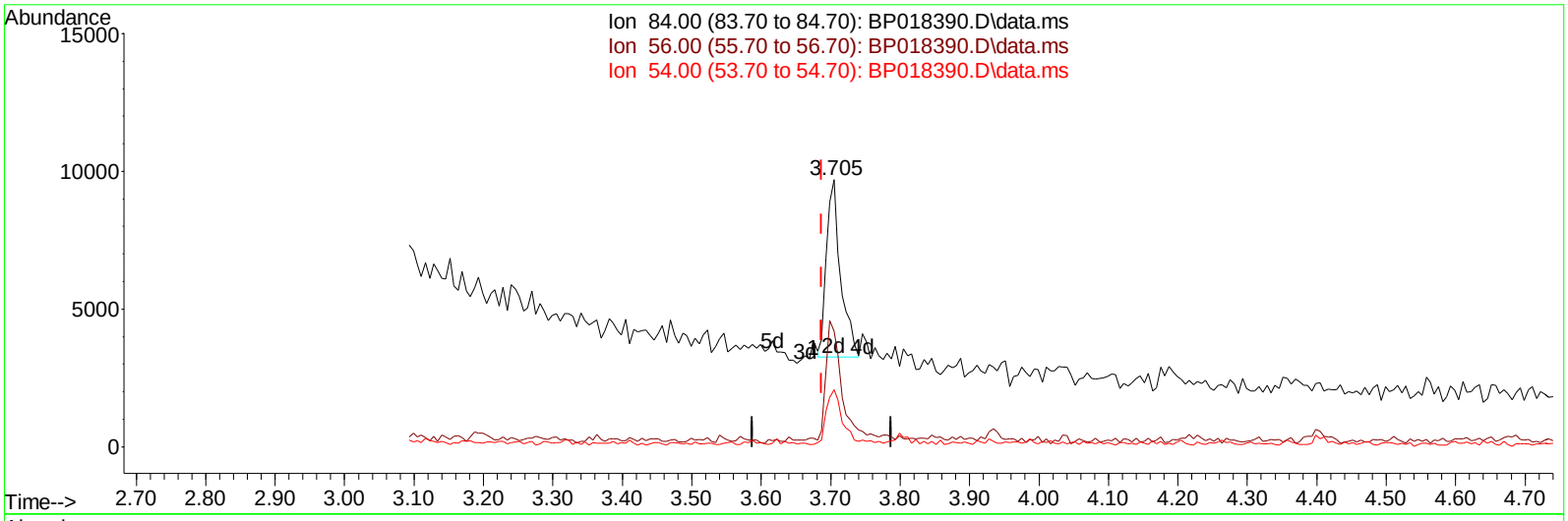

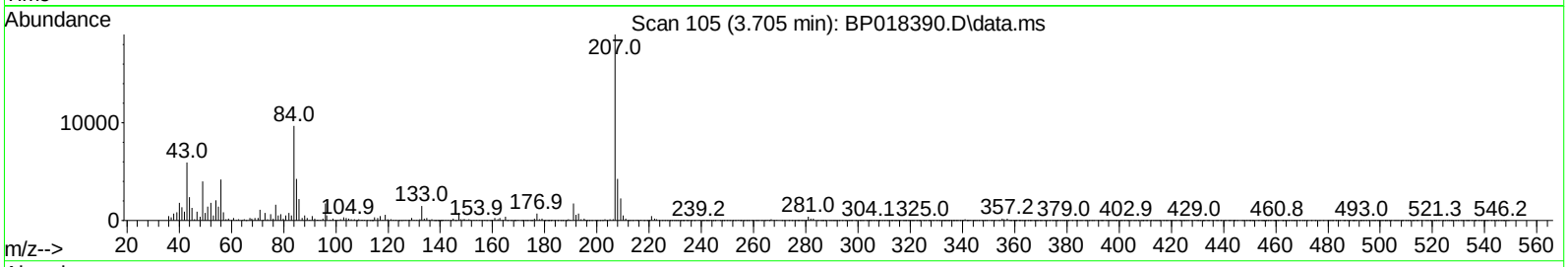

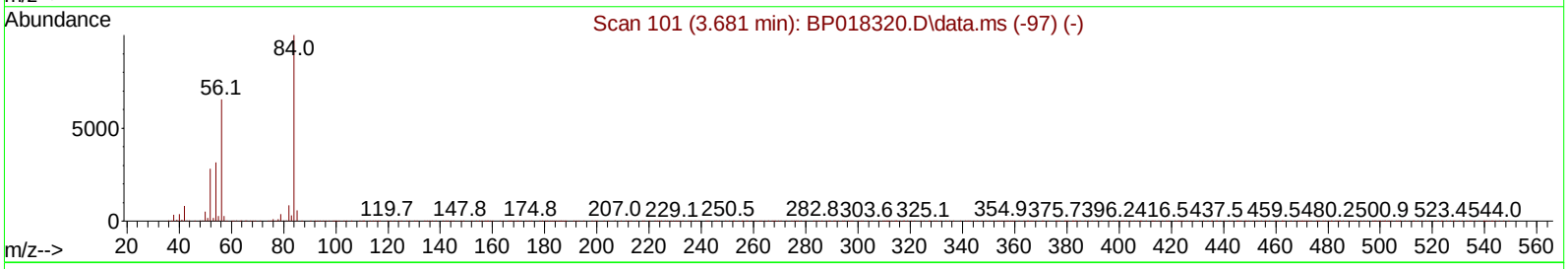

TIC: BP018390.D\data.ms

(4) Pyridine-d5 (S)

3.705min (+ 0.018) 0.25 ng/ul m

response 9082

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	66.10	43.19#
54.00	32.10	21.27#
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	7.863	152	489065	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1940430	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	1095368	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.245	188	1881277	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1565204	20.000	ng/ul	0.00
88) Perylene-d12	23.804	264	1990005	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	23891	1.830	ng/uL	0.00
4) Pyridine-d5	3.705	84	9082m	0.253	ng/ul	0.02
7) Phenol-d5	7.028	99	448046	10.024	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	271239	10.148	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	378778	10.093	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	293515	8.137	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	172965	10.974	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	162060	11.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	374048	10.651	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	238473	5.035	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1050662	10.780	ng/ul	-0.01
49) Acenaphthylene-d8	14.187	160	1189059	10.707	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	108354	8.053	ng/ul	0.00
60) Fluorene-d10	15.486	176	862595	10.581	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	86140	10.756	ng/ul	0.00
73) Anthracene-d10	17.345	188	1104802	10.987	ng/ul	0.00
81) Pyrene-d10	19.580	212	1199930	9.632	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	1331618	11.542	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	51943	3.710	ng/uL	92
5) Pyridine	3.722	79	3976	0.110	ng/ul#	59
6) Benzaldehyde	6.999	77	260655	11.020	ng/ul	100
8) Phenol	7.052	94	520735	11.877	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.293	93	403176	11.040	ng/ul	97
12) 2-Chlorophenol	7.422	128	387286	10.287	ng/ul	98
13) 2-Methylphenol	8.310	108	291480	8.535	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	484669	9.336	ng/ul	96
16) Acetophenone	8.687	105	908262	16.456	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.675	70	270314	8.767	ng/ul	92
18) 4-Methylphenol	8.640	108	331632	9.094	ng/ul	97
19) Hexachloroethane	8.946	117	160860	10.231	ng/ul	95
22) Nitrobenzene	9.063	77	396484	10.738	ng/ul	97
23) Isophorone	9.593	82	789734	9.596	ng/ul#	96
25) 2-Nitrophenol	9.775	139	191945	11.720	ng/ul	94
26) 2,4-Dimethylphenol	9.840	107	87162	2.371	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.081	93	517430	10.411	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	375030	11.149	ng/ul	97
30) Naphthalene	10.716	128	1287895	10.974	ng/ul	100
32) 4-Chloroaniline	10.822	127	257474	5.761	ng/ul	99
33) Hexachlorobutadiene	11.004	225	279209	12.170	ng/ul	98
34) Caprolactam	11.593	113	95741	9.877	ng/ul	91
35) 4-Chloro-3-methylphenol	11.945	107	312012	8.675	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.322	142	874222	10.525	ng/ul	100
37) 1-Methylnaphthalene	12.540	142	854476	10.220	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	504326	13.036	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	223375	10.195	ng/ul	100
41) 2,4,6-Trichlorophenol	12.928	196	277022	11.924	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	293432	11.680	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	1136150	11.905	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	898828	11.899	ng/ul	97
45) 2-Nitroaniline	13.575	65	168361	10.359	ng/ul	95
47) Dimethylphthalate	13.957	163	1077599	11.300	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	176529	10.979	ng/ul	92
50) Acenaphthylene	14.216	152	1379420	11.143	ng/ul	99
51) 3-Nitroaniline	14.398	138	137714	8.621	ng/ul	96
52) Acenaphthene	14.557	153	915167	11.317	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	52072	9.283	ng/ul	97
55) 4-Nitrophenol	14.698	109	90879	9.117	ng/ul	99
56) Dibenzofuran	14.892	168	1240122	11.217	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	230072	10.589	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.116	232	219014	11.101	ng/ul	98
59) Diethylphthalate	15.322	149	1029062	10.742	ng/ul	99
61) Fluorene	15.545	166	981051	10.881	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	520001	11.358	ng/ul	99
63) 4-Nitroaniline	15.557	138	120100	7.966	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.616	198	101997	11.484	ng/ul#	99
67) N-Nitrosodiphenylamine	15.757	169	792723	12.426	ng/ul	100
68) 4-Bromophenyl-phenylether	16.439	248	288945	12.165	ng/ul	97
69) Hexachlorobenzene	16.545	284	357559	13.465	ng/ul	93
70) Atrazine	16.710	200	234928	12.063	ng/ul	99
71) Pentachlorophenol	16.892	266	149633	10.967	ng/ul	97
72) Phenanthrene	17.286	178	1382323	12.080	ng/ul	100
74) Anthracene	17.375	178	1324752	11.469	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	495649	15.328	ng/uL	99
76) Pentachlorobenzene	14.810	250	462684	14.730	ng/uL	100
77) Carbazole	17.651	167	1124046	12.012	ng/ul	99
78) Di-n-butylphthalate	18.216	149	1482928	11.393	ng/ul	99
80) Fluoranthene	19.257	202	1470972	9.884	ng/ul	99
82) Pyrene	19.610	202	1496641	9.987	ng/ul	99
83) Butylbenzylphthalate	20.510	149	542748	9.787	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.280	252	254735	6.729	ng/ul	99
85) Benzo(a)anthracene	21.339	228	1563126	12.254	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	838908	10.083	ng/ul	99
87) Chrysene	21.392	228	1465005	12.621	ng/ul	99
89) Di-n-octyl phthalate	22.263	149	1418668	9.683	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1698669	11.752	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	1708823	11.876	ng/ul	98
93) Benzo(a)pyrene	23.692	252	1569161	11.805	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.404	276	2005995	13.051	ng/ul	97
95) Dibenzo(a,h)anthracene	26.445	278	1650536	13.117	ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	1449034	11.641	ng/ul	98

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

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