Quantitation Report (Qedit)

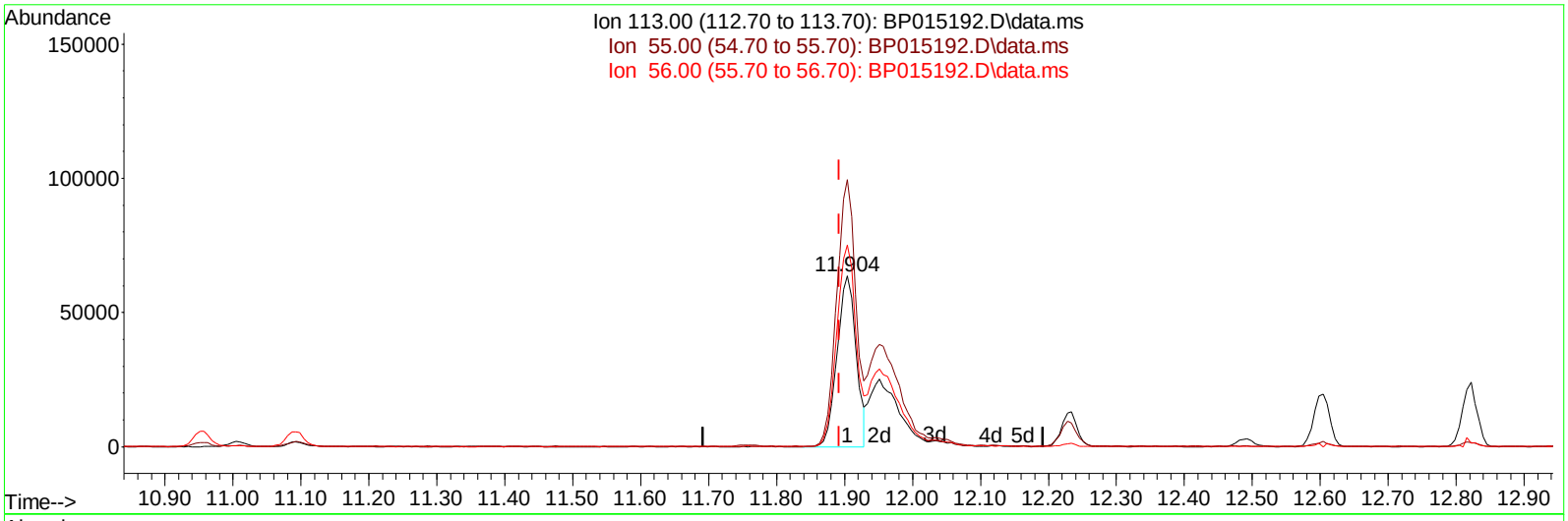
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015192.D
Acq On : 20 May 2023 01:59
Operator : CG/JU
Sample : PB152787BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

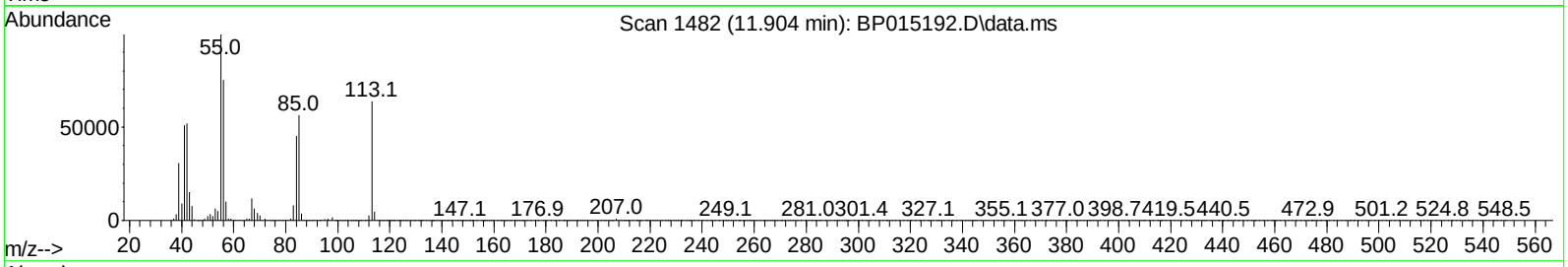
Quant Time: May 20 02:29:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 01:07:51 2023
Response via : Initial Calibration

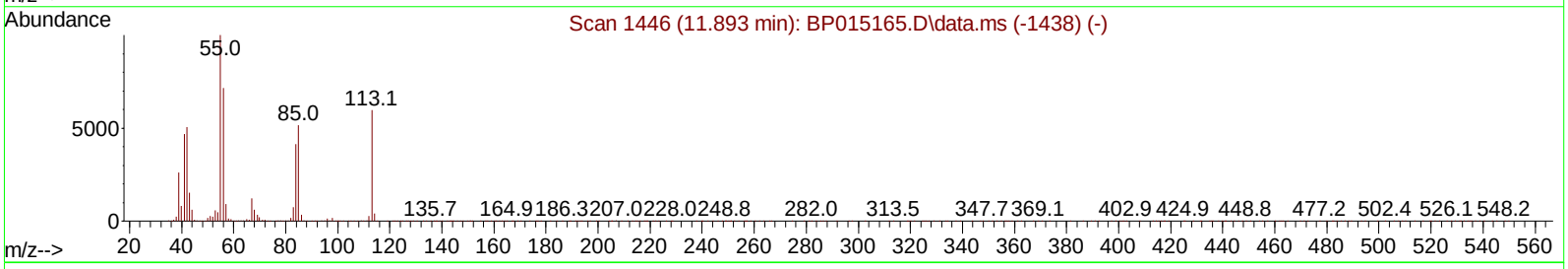
Instrument :
BNA_P
ClientSampleId :
SLCS787

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023







TIC: BP015192.D\data.ms

(34) Caprolactam

11.904min (+ 0.012) 22.67 ng/ul

response 123784

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	156.25
56.00	112.80	118.25
0.00	0.00	0.00

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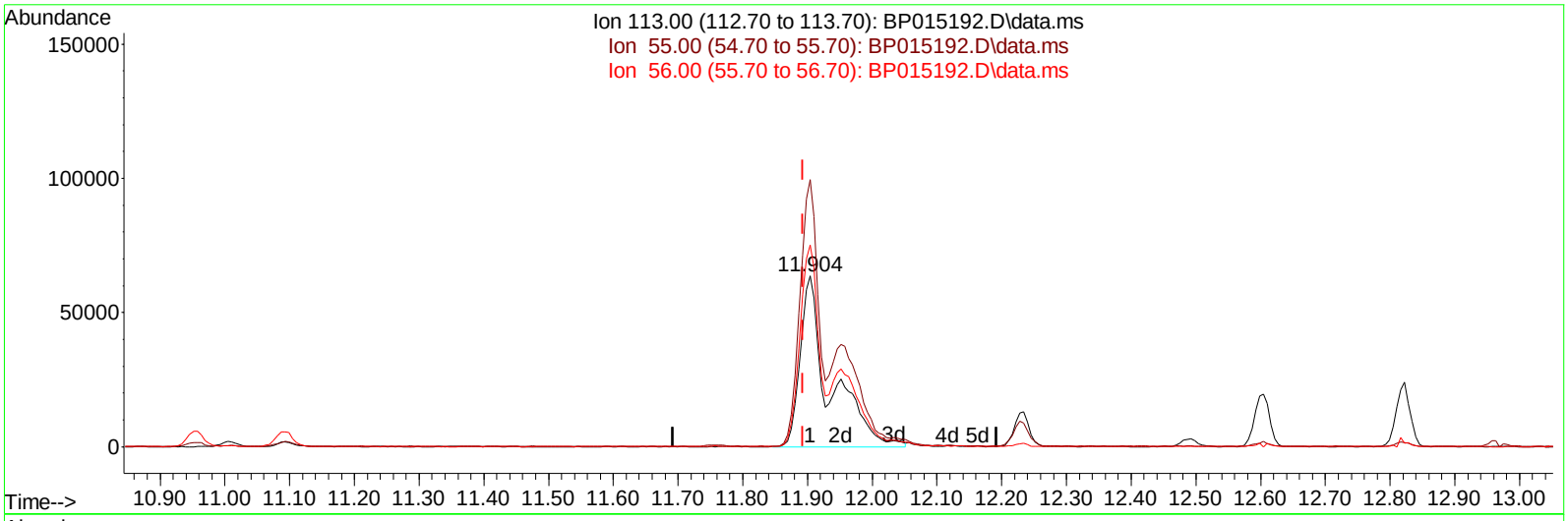

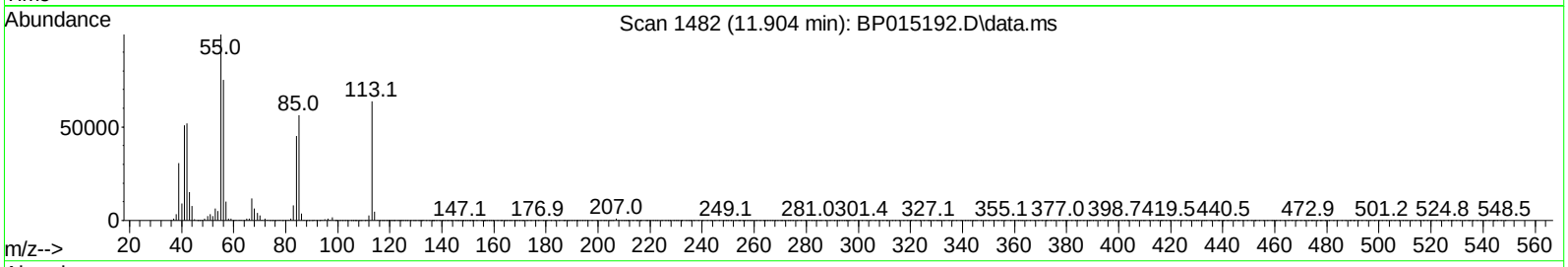

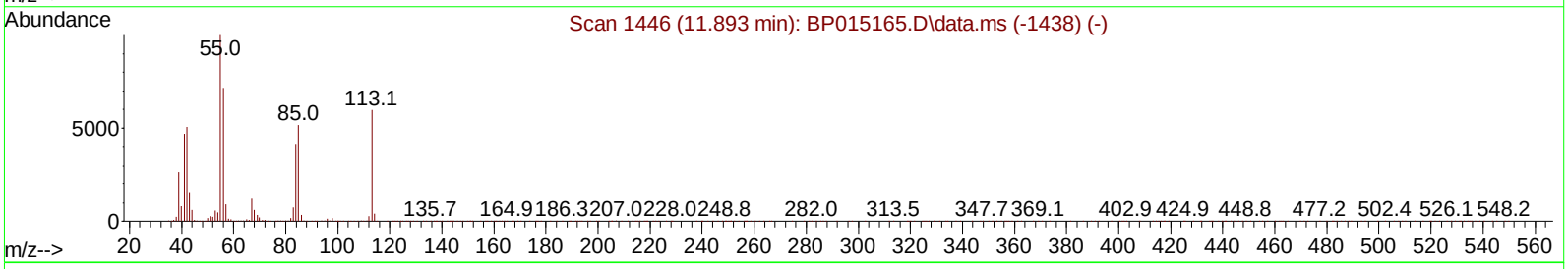

TIC: BP015192.D\data.ms

(34) Caprolactam

11.904min (+ 0.012) 37.02 ng/ul m

response 202147

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	156.25
56.00	112.80	118.25
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	331589	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	908754	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	566642	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1246812	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	863785	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	877575	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	67123	7.865	ng/uL	0.00
4) Pyridine-d5	3.869	84	880126	36.382	ng/ul	0.00
7) Phenol-d5	7.275	99	1339506	43.508	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	812173	45.676	ng/ul	0.00
11) 2-Chlorophenol-d4	7.652	132	1049416	46.359	ng/ul	0.00
15) 4-Methylphenol-d8	8.840	113	1095785	44.667	ng/ul	0.00
21) Nitrobenzene-d5	9.304	128	534651	74.871	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	602463	75.823	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	686447	47.877	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	877292	41.355	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	2056027	48.017	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	2251667	45.979	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	367755	44.231	ng/ul	0.00
60) Fluorene-d10	15.757	176	1676189	46.392	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	351230	44.700	ng/ul	0.00
73) Anthracene-d10	17.616	188	2544679	44.571	ng/ul	0.00
81) Pyrene-d10	19.833	212	2798772	55.866	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	2156810	49.509	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	121113	13.207	ng/uL	98
5) Pyridine	3.893	79	744888	29.607	ng/ul	98
6) Benzaldehyde	7.257	77	637593	75.346	ng/ul	98
8) Phenol	7.305	94	1252802	39.683	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.540	93	985533	39.019	ng/ul	99
12) 2-Chlorophenol	7.687	128	939276	39.229	ng/ul	99
13) 2-Methylphenol	8.569	108	945711	38.759	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.657	45	1282158	40.517	ng/ul	99
16) Acetophenone	8.963	105	1495483	39.058	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.951	70	767357	38.214	ng/ul	97
18) 4-Methylphenol	8.904	108	1039947	38.723	ng/ul	98
19) Hexachloroethane	9.216	117	385138	39.395	ng/ul	95
22) Nitrobenzene	9.346	77	1147790	65.080	ng/ul	99
23) Isophorone	9.875	82	2257444	62.272	ng/ul	99
25) 2-Nitrophenol	10.063	139	568128	65.204	ng/ul	99
26) 2,4-Dimethylphenol	10.116	107	1017305	58.509	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.357	93	907992	41.166	ng/ul	99
29) 2,4-Dichlorophenol	10.598	162	602493	41.601	ng/ul	99
30) Naphthalene	11.004	128	1866144	37.772	ng/ul	100
32) 4-Chloroaniline	11.116	127	663129	30.414	ng/ul	99
33) Hexachlorobutadiene	11.287	225	384716	44.075	ng/ul	99
34) Caprolactam	11.904	113	202147m	37.022	ng/ul	
35) 4-Chloro-3-methylphenol	12.228	107	658047	40.240	ng/ul	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.604	142	1259607	37.839 ng/ul	99
37) 1-Methylnaphthalene	12.822	142	1289699	38.580 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	727768	42.944 ng/ul	98
40) Hexachlorocyclopentadiene	12.940	237	353108	32.159 ng/ul	97
41) 2,4,6-Trichlorophenol	13.204	196	469816	39.260 ng/ul	99
42) 2,4,5-Trichlorophenol	13.275	196	527541	40.658 ng/ul	100
43) 1,1'-Biphenyl	13.598	154	1726389	39.268 ng/ul	98
44) 2-Chloronaphthalene	13.645	162	1365674	39.776 ng/ul	99
45) 2-Nitroaniline	13.851	65	419025	42.654 ng/ul	97
47) Dimethylphthalate	14.216	163	1793217	40.213 ng/ul	100
48) 2,6-Dinitrotoluene	14.339	165	393809	44.576 ng/ul	99
50) Acenaphthylene	14.486	152	2085578	38.168 ng/ul	99
51) 3-Nitroaniline	14.669	138	384756	48.366 ng/ul	98
52) Acenaphthene	14.828	153	1436293	38.486 ng/ul	100
53) 2,4-Dinitrophenol	14.881	184	213116	36.332 ng/ul	97
55) 4-Nitrophenol	14.975	109	274444	44.878 ng/ul	84
56) Dibenzofuran	15.163	168	2051855	39.528 ng/ul	98
57) 2,4-Dinitrotoluene	15.128	165	558267	43.670 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.386	232	415678	37.960 ng/ul	96
59) Diethylphthalate	15.575	149	1850527	41.607 ng/ul	100
61) Fluorene	15.810	166	1620098	38.837 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.798	204	841270	41.275 ng/ul	97
63) 4-Nitroaniline	15.833	138	393693	57.309 ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.892	198	309526	38.169 ng/ul#	99
67) N-Nitrosodiphenylamine	16.016	169	1434500	39.128 ng/ul	100
68) 4-Bromophenyl-phenylether	16.698	248	566944	44.147 ng/ul	98
69) Hexachlorobenzene	16.816	284	669123	44.090 ng/ul	98
70) Atrazine	16.963	200	192757	14.225 ng/ul	99
71) Pentachlorophenol	17.163	266	329490	34.708 ng/ul	99
72) Phenanthrene	17.557	178	2652184	39.064 ng/ul	99
74) Anthracene	17.651	178	2624508	38.227 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	744812	42.132 ng/uL	100
76) Pentachlorobenzene	15.081	250	745133	41.979 ng/uL	100
77) Carbazole	17.916	167	2354281	39.106 ng/ul	100
78) Di-n-butylphthalate	18.445	149	3216774	41.492 ng/ul	99
80) Fluoranthene	19.510	202	3020620	49.469 ng/ul	96
82) Pyrene	19.863	202	2996485	47.521 ng/ul	96
83) Butylbenzylphthalate	20.716	149	1385731	49.571 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	850041	44.808 ng/ul	99
85) Benzo(a)anthracene	21.574	228	2519499	42.184 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	2012285	50.001 ng/ul	100
87) Chrysene	21.633	228	2364017	41.405 ng/ul	97
89) Di-n-octyl phthalate	22.445	149	3130221	52.081 ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	2352297	42.282 ng/ul	98
91) Benzo(k)fluoranthene	23.415	252	2270335	42.499 ng/ul	98
93) Benzo(a)pyrene	24.039	252	2038229	41.449 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.862	276	2722805	42.763 ng/ul	96
95) Dibenzo(a,h)anthracene	26.880	278	2233009	42.723 ng/ul	98
96) Benzo(g,h,i)perylene	27.698	276	2263581	43.597 ng/ul	97

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

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