Quantitation Report (Qedit)

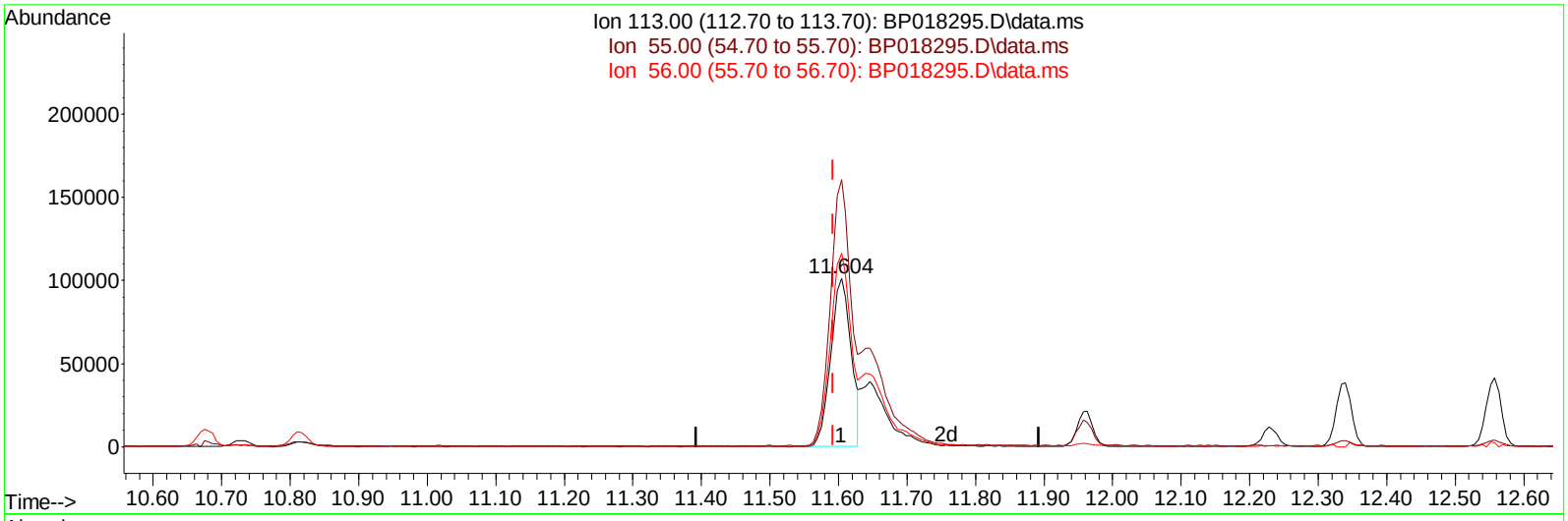
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
Data File : BP018295.D
Acq On : 23 Nov 2023 02:33
Operator : MA/JU
Sample : PB156892BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

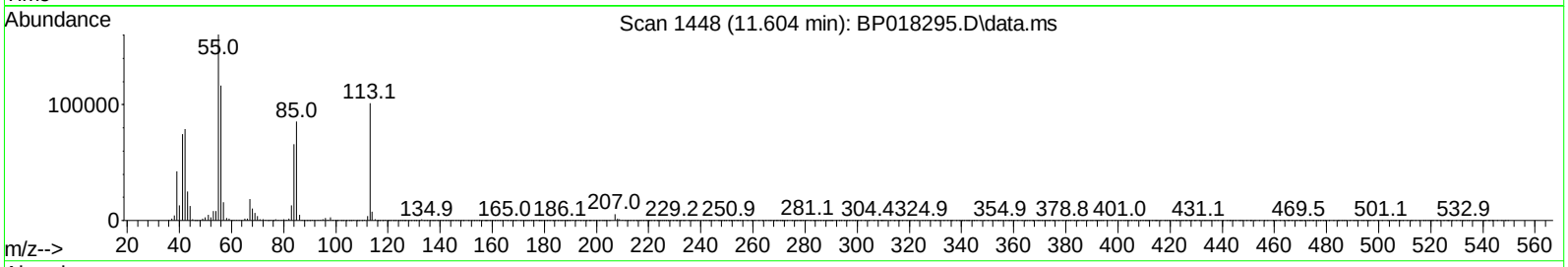
Quant Time: Nov 23 03:01:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 22 14:09:55 2023
Response via : Initial Calibration

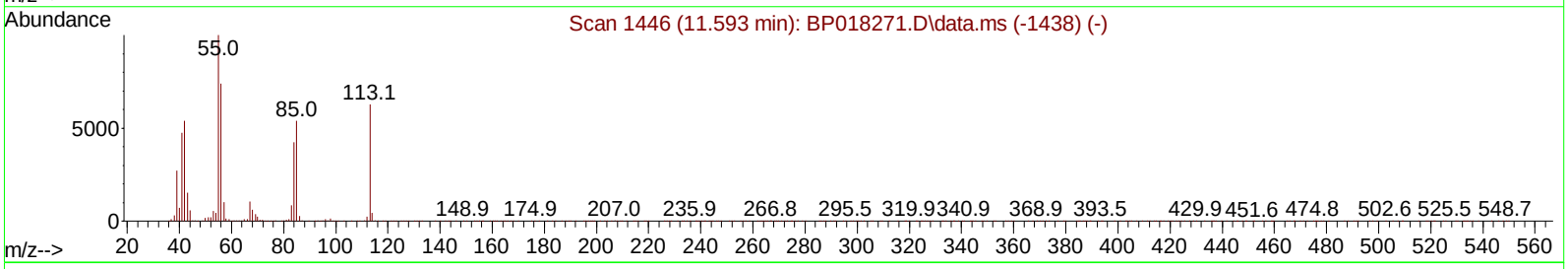
Instrument :
BNA_P
ClientSampleId :
SLCS892

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/23/2023







TIC: BP018295.D\data.ms

(34) Caprolactam

11.604min (+ 0.012) 23.87 ng/ul

response 208610

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.20	158.32
56.00	118.50	114.96
0.00	0.00	0.00

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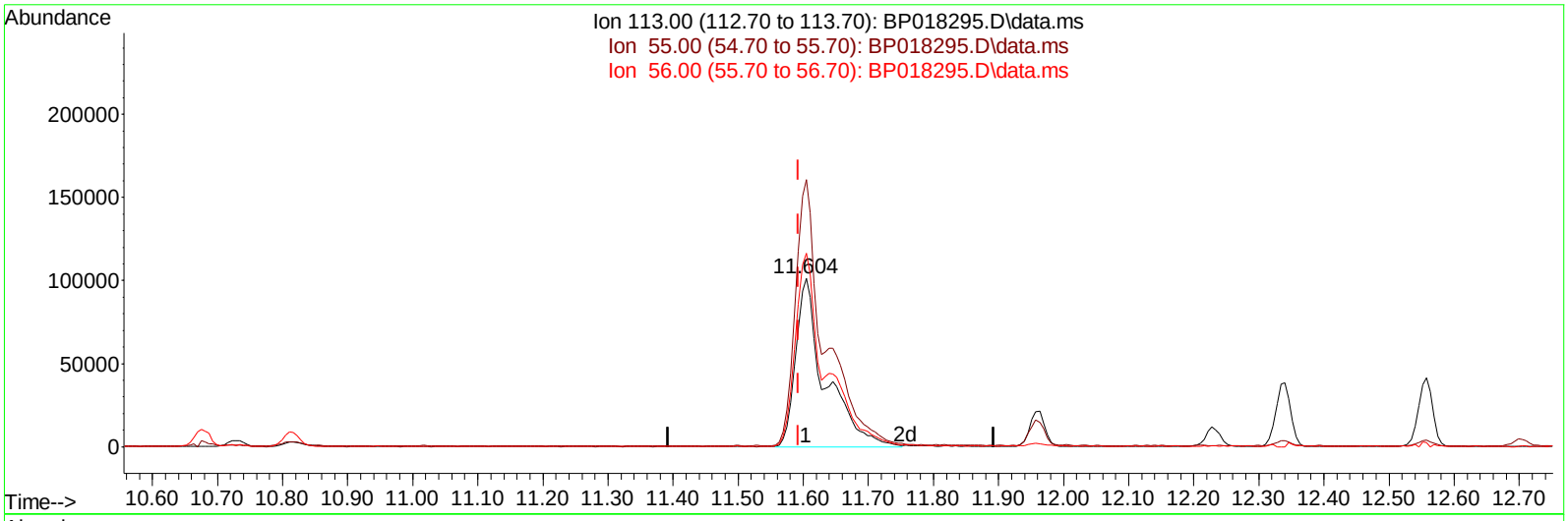

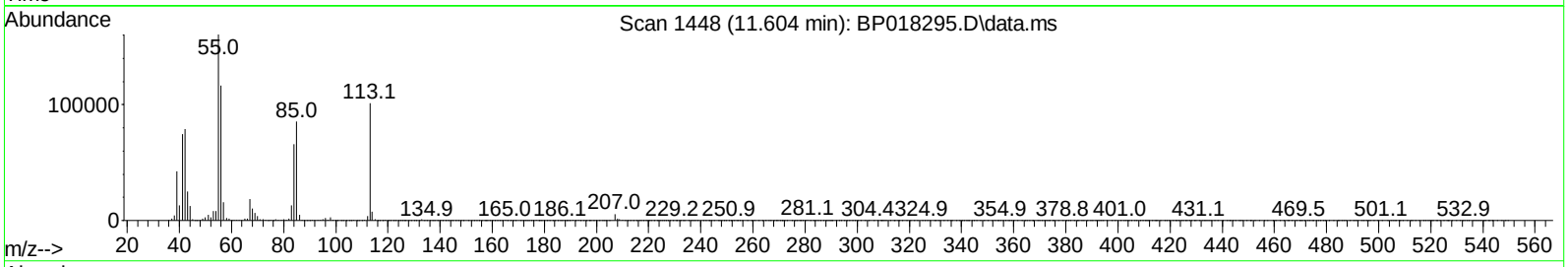

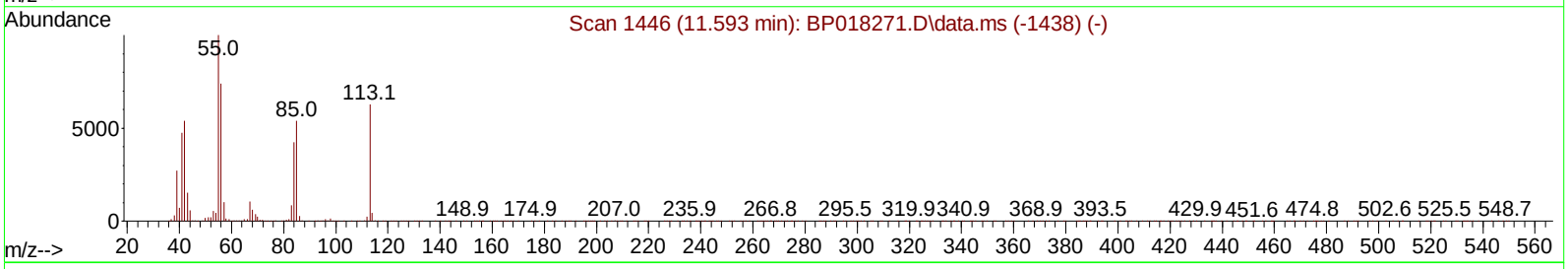

TIC: BP018295.D\data.ms

(34) Caprolactam

11.604min (+ 0.012) 36.06 ng/ul m

response 315103

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.20	158.32
56.00	118.50	114.96
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	7.875	152	442942	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1749279	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	917933	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1552753	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1282012	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	1574769	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	89733	7.588	ng/uL	0.00
4) Pyridine-d5	3.687	84	1226136	37.727	ng/ul	0.00
7) Phenol-d5	7.040	99	1608499	39.735	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	949513	39.226	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	1314122	38.664	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	1249241	38.240	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	608131	42.801	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	592237	45.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	1241925	39.230	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	1561703	36.576	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	2973450	36.404	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	3703884	39.798	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	427022	37.871	ng/ul	0.00
60) Fluorene-d10	15.498	176	2504395	36.658	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	280997	42.511	ng/ul	0.00
73) Anthracene-d10	17.357	188	3206993	38.641	ng/ul	0.00
81) Pyrene-d10	19.592	212	3349556	32.828	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	3871772	42.408	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	182817	14.416	ng/uL	96
5) Pyridine	3.711	79	1243386	37.970	ng/ul	97
6) Benzaldehyde	7.011	77	899956	42.012	ng/ul	100
8) Phenol	7.064	94	1605848	40.441	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.305	93	1328561	40.167	ng/ul	100
12) 2-Chlorophenol	7.440	128	1322311	38.780	ng/ul	99
13) 2-Methylphenol	8.316	108	1204104	38.931	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.411	45	1800254	38.290	ng/ul	99
16) Acetophenone	8.705	105	1919595	38.401	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.699	70	915635	32.790	ng/ul	97
18) 4-Methylphenol	8.652	108	1277815	38.689	ng/ul	100
19) Hexachloroethane	8.958	117	554934	38.971	ng/ul	99
22) Nitrobenzene	9.081	77	1363891	40.974	ng/ul	97
23) Isophorone	9.610	82	2623980	35.368	ng/ul	99
25) 2-Nitrophenol	9.793	139	656857	44.491	ng/ul	96
26) 2,4-Dimethylphenol	9.857	107	1044168	31.501	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.099	93	1693978	37.807	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	1196427	39.454	ng/ul	99
30) Naphthalene	10.728	128	4117648	38.920	ng/ul	100
32) 4-Chloroaniline	10.840	127	1419241	35.225	ng/ul	100
33) Hexachlorobutadiene	11.016	225	852040	41.197	ng/ul	99
34) Caprolactam	11.604	113	315103m	36.058	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	1129668	34.842	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	2729663	36.455	ng/ul	100
37) 1-Methylnaphthalene	12.557	142	2649625	35.155	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.704	216	1467588	45.269	ng/ul	98
40) Hexachlorocyclopentadiene	12.687	237	722034	39.323	ng/ul	99
41) 2,4,6-Trichlorophenol	12.940	196	854073	43.867	ng/ul	98
42) 2,4,5-Trichlorophenol	13.010	196	909116	43.182	ng/ul	100
43) 1,1'-Biphenyl	13.351	154	3396441	42.467	ng/ul	99
44) 2-Chloronaphthalene	13.387	162	2683814	42.398	ng/ul	99
45) 2-Nitroaniline	13.587	65	579747	42.565	ng/ul	97
47) Dimethylphthalate	13.975	163	2945429	36.856	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	563706	41.838	ng/ul	94
50) Acenaphthylene	14.234	152	4145594	39.962	ng/ul	99
51) 3-Nitroaniline	14.410	138	521142	38.928	ng/ul	96
52) Acenaphthene	14.575	153	2684808	39.617	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	181786	38.672	ng/ul	94
55) 4-Nitrophenol	14.710	109	314668	37.668	ng/ul	97
56) Dibenzofuran	14.910	168	3574928	38.586	ng/ul	100
57) 2,4-Dinitrotoluene	14.869	165	706321	38.792	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.128	232	632593	38.260	ng/ul	99
59) Diethylphthalate	15.340	149	2717738	33.853	ng/ul	100
61) Fluorene	15.557	166	2770560	36.670	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.557	204	1431381	37.308	ng/ul	99
63) 4-Nitroaniline	15.575	138	489222	38.722	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.628	198	322286	43.962	ng/ul	99
67) N-Nitrosodiphenylamine	15.769	169	2251265	42.755	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	845275	43.116	ng/ul	99
69) Hexachlorobenzene	16.557	284	919386	41.949	ng/ul	97
70) Atrazine	16.728	200	636718	39.610	ng/ul	99
71) Pentachlorophenol	16.898	266	472428	41.952	ng/ul	99
72) Phenanthrene	17.298	178	3793519	40.166	ng/ul	99
74) Anthracene	17.392	178	3755559	39.393	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	1431475	53.633	ng/uL	99
76) Pentachlorobenzene	14.822	250	1256442	48.462	ng/uL	99
77) Carbazole	17.663	167	3215498	41.632	ng/ul	99
78) Di-n-butylphthalate	18.228	149	3896555	36.270	ng/ul	100
80) Fluoranthene	19.269	202	3980457	32.656	ng/ul	100
82) Pyrene	19.622	202	4069679	33.157	ng/ul	100
83) Butylbenzylphthalate	20.516	149	1552060	34.169	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	1328617	42.849	ng/ul	100
85) Benzo(a)anthracene	21.345	228	4191134	40.114	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	2431914	35.685	ng/ul	100
87) Chrysene	21.398	228	3916898	41.198	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	4313682	37.207	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	4564490	39.905	ng/ul	100
91) Benzo(k)fluoranthene	23.092	252	4713406	41.393	ng/ul	100
93) Benzo(a)pyrene	23.674	252	4490830	42.692	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.333	276	5814414	47.803	ng/ul	100
95) Dibenzo(a,h)anthracene	26.368	278	4792266	48.127	ng/ul	99
96) Benzo(g,h,i)perylene	27.115	276	4746333	48.183	ng/ul	99

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

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