Quantitation Report (Qedit)

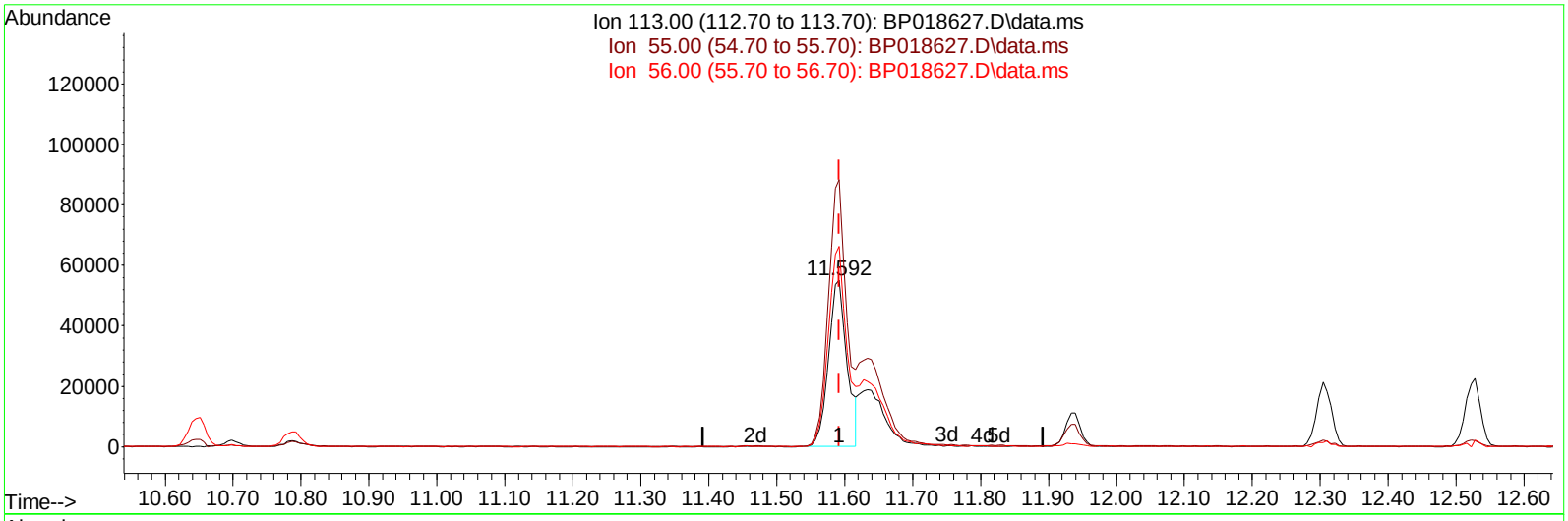
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018627.D
Acq On : 06 Dec 2023 05:16
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 64 Sample Multiplier: 1

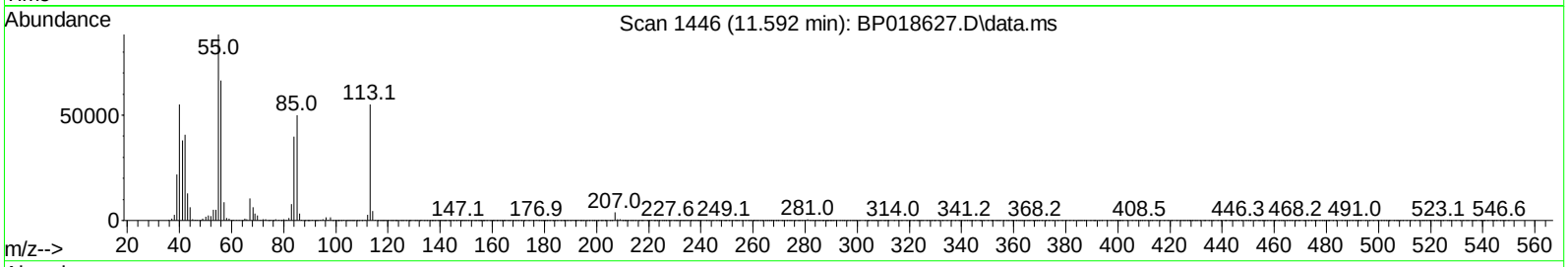
Quant Time: Dec 06 05:44:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

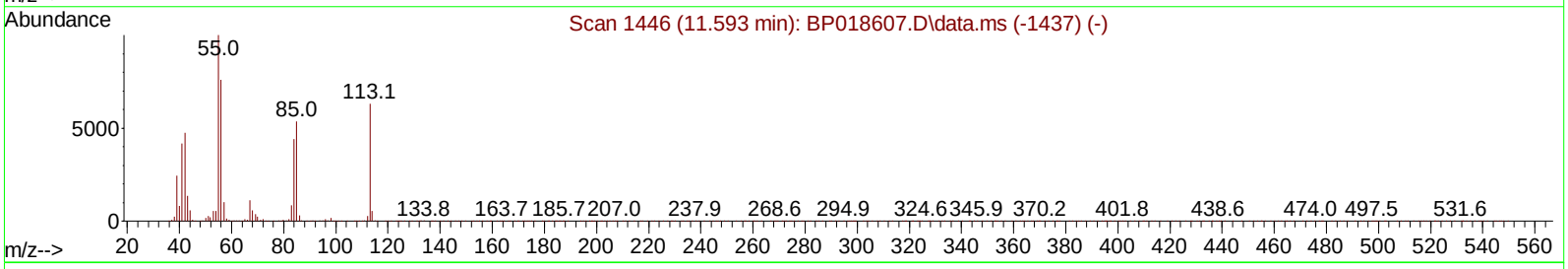
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023







TIC: BP018627.D\data.ms

(34) Caprolactam

11.592min (-0.000) 11.64 ng/ul

response 104331

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	160.03
56.00	121.80	120.32
0.00	0.00	0.00

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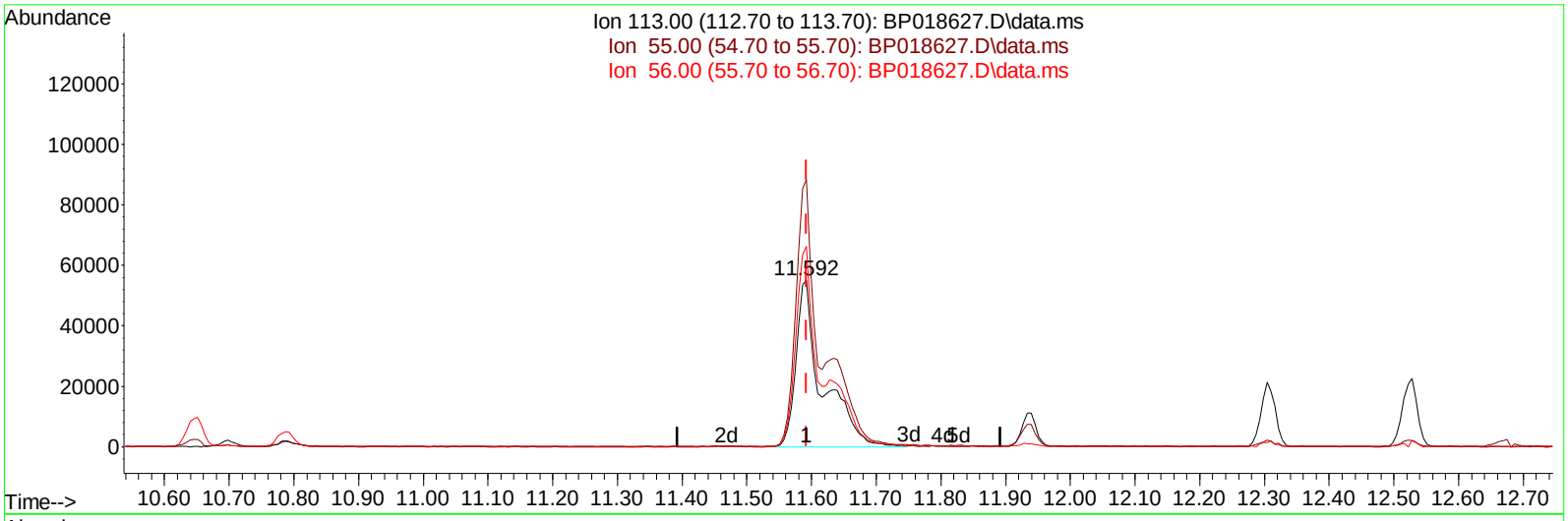

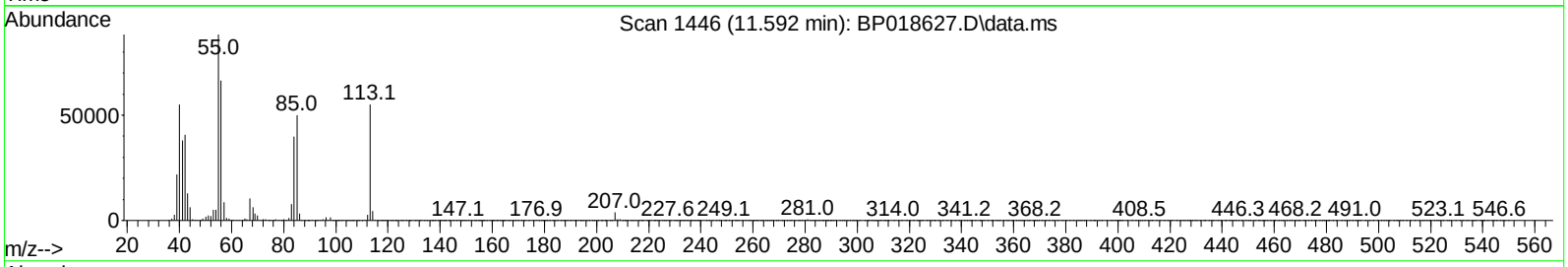

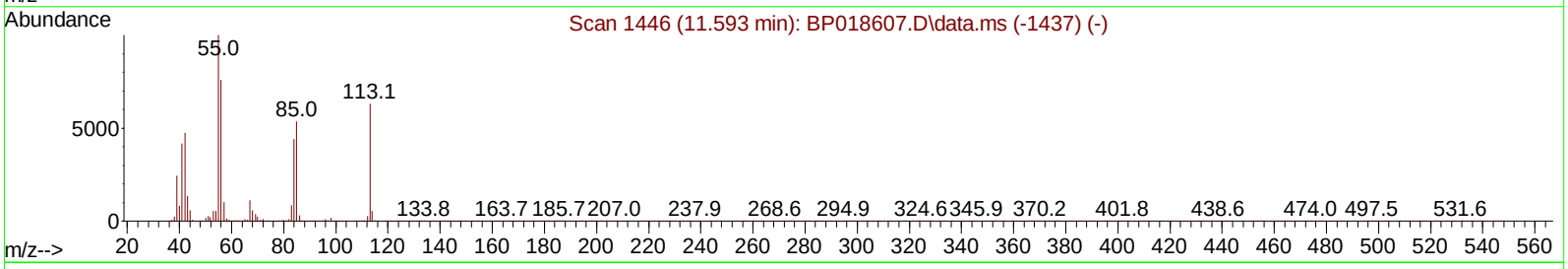

TIC: BP018627.D\data.ms

(34) Caprolactam

11.592min (-0.000) 17.38 ng/ul m

response 155749

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	160.03
56.00	121.80	120.32
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Dec 06 05:45:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
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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	7.851	152	359443	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	1608328	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	1102476	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	2489939	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	2046311	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	1915729	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	77062	7.306	ng/uL	0.00
4) Pyridine-d5	3.681	84	578196	20.465	ng/ul	0.00
7) Phenol-d5	7.016	99	738485	20.473	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	437848	20.480	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	515532	18.316	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	606395	20.773	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	288998	20.189	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	309867	20.879	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	634735	20.916	ng/ul	0.00
31) 4-Chloroaniline-d4	10.786	131	863452	21.772	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	1966584	19.986	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	2209904	20.396	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	345232	21.375	ng/ul	0.00
60) Fluorene-d10	15.474	176	1703087	20.620	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	295356	19.783	ng/ul	0.00
73) Anthracene-d10	17.327	188	2647040	20.222	ng/ul	0.00
81) Pyrene-d10	19.562	212	3014041	18.922	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	2245907	20.106	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	83657	7.232	ng/uL	98
5) Pyridine	3.704	79	582316	20.410	ng/ul	96
6) Benzaldehyde	6.992	77	429245	23.048	ng/ul	97
8) Phenol	7.045	94	737587	20.851	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	600271	20.662	ng/ul	100
12) 2-Chlorophenol	7.410	128	552709	19.403	ng/ul	99
13) 2-Methylphenol	8.298	108	561756	20.743	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	744051	20.185	ng/ul	99
16) Acetophenone	8.675	105	935203	21.496	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	462429	19.321	ng/ul	99
18) 4-Methylphenol	8.628	108	628449	21.252	ng/ul	97
19) Hexachloroethane	8.928	117	228754	19.588	ng/ul	93
22) Nitrobenzene	9.057	77	693815	19.935	ng/ul	99
23) Isophorone	9.581	82	1377384	19.410	ng/ul	100
25) 2-Nitrophenol	9.763	139	334397	21.044	ng/ul	99
26) 2,4-Dimethylphenol	9.828	107	621914	20.012	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.069	93	869029	19.398	ng/ul	98
29) 2,4-Dichlorophenol	10.298	162	607712	20.791	ng/ul	98
30) Naphthalene	10.698	128	1936902	19.852	ng/ul	100
32) 4-Chloroaniline	10.810	127	826030	21.853	ng/ul	100
33) Hexachlorobutadiene	10.981	225	406768	20.779	ng/ul	99
34) Caprolactam	11.592	113	155749m	17.377	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	562559	17.180	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.304	142	1383954	20.022	ng/ul	99
37) 1-Methylnaphthalene	12.528	142	1402811	20.096	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.675	216	823505	20.588	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	432615	18.247	ng/ul	98
41) 2,4,6-Trichlorophenol	12.916	196	532703	20.702	ng/ul	99
42) 2,4,5-Trichlorophenol	12.986	196	583958	20.933	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	1882265	19.741	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	1515315	20.122	ng/ul	99
45) 2-Nitroaniline	13.563	65	419430	20.545	ng/ul	97
47) Dimethylphthalate	13.945	163	1942812	20.058	ng/ul	100
48) 2,6-Dinitrotoluene	14.063	165	392740	21.462	ng/ul	95
50) Acenaphthylene	14.204	152	2453957	20.144	ng/ul	100
51) 3-Nitroaniline	14.392	138	412078	22.558	ng/ul	98
52) Acenaphthene	14.545	153	1614092	20.040	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	194669	20.072	ng/ul	98
55) 4-Nitrophenol	14.698	109	284507	23.315	ng/ul	96
56) Dibenzofuran	14.880	168	2285278	20.414	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	571110	22.187	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.104	232	505833	21.617	ng/ul	96
59) Diethylphthalate	15.310	149	1927531	20.337	ng/ul	99
61) Fluorene	15.527	166	1842660	20.802	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.527	204	971498	20.912	ng/ul	95
63) 4-Nitroaniline	15.551	138	408659	23.483	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	317308	19.879	ng/ul	91
67) N-Nitrosodiphenylamine	15.739	169	1608471	19.495	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	633428	20.151	ng/ul	96
69) Hexachlorobenzene	16.527	284	725187	20.663	ng/ul	100
70) Atrazine	16.698	200	556346	22.680	ng/ul	99
71) Pentachlorophenol	16.874	266	427576	20.485	ng/ul	99
72) Phenanthrene	17.268	178	3008911	20.009	ng/ul	100
74) Anthracene	17.363	178	3052315	20.249	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.280	216	832203	19.330	ng/uL	99
76) Pentachlorobenzene	14.798	250	834548	19.733	ng/uL	100
77) Carbazole	17.633	167	2661436	22.153	ng/ul	99
78) Di-n-butylphthalate	18.192	149	3313246	20.712	ng/ul	100
80) Fluoranthene	19.239	202	3538046	18.791	ng/ul	97
82) Pyrene	19.592	202	3570077	18.795	ng/ul	97
83) Butylbenzylphthalate	20.468	149	1404834	20.202	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	1020135	20.515	ng/ul	99
85) Benzo(a)anthracene	21.298	228	3324947	20.018	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	2026117	21.199	ng/ul	100
87) Chrysene	21.351	228	3033158	19.830	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	3258098	23.293	ng/ul	100
90) Benzo(b)fluoranthene	22.956	252	2798427	19.812	ng/ul	98
91) Benzo(k)fluoranthene	23.003	252	2855712	20.895	ng/ul	99
93) Benzo(a)pyrene	23.574	252	2588448	20.056	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.144	276	3018472	19.575	ng/ul	98
95) Dibenzo(a,h)anthracene	26.162	278	2514967	19.606	ng/ul	99
96) Benzo(g,h,i)perylene	26.897	276	2418823	19.491	ng/ul	97

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

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