Quantitation Report (Qedit)

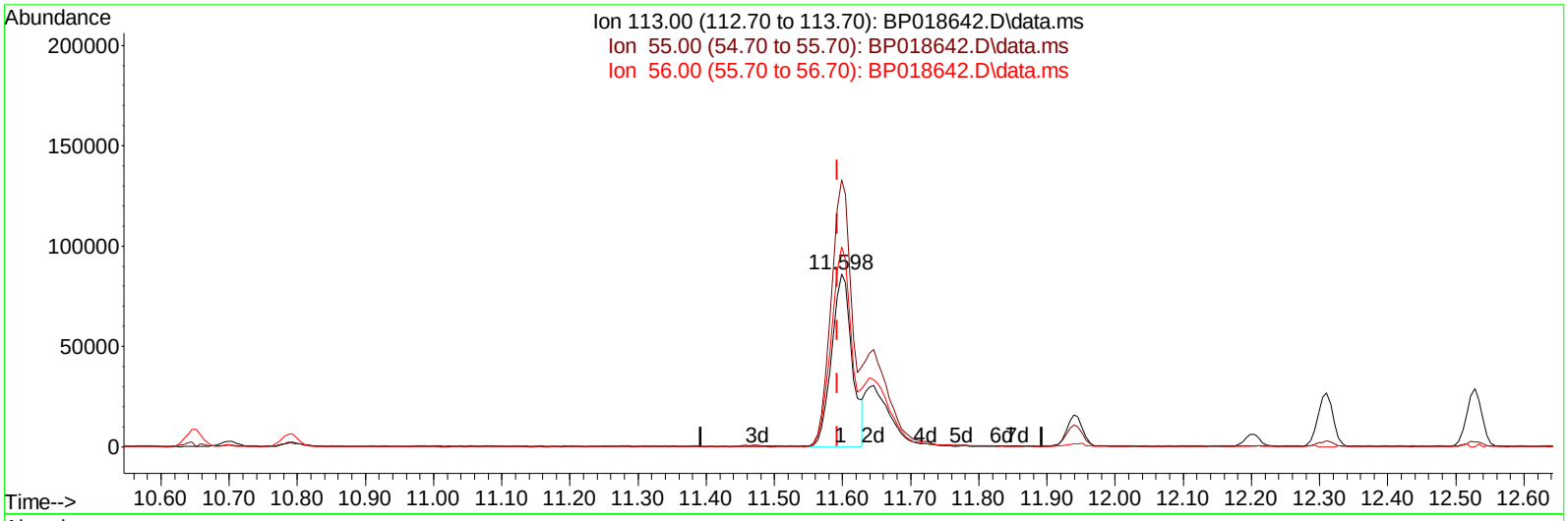
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018642.D
Acq On : 06 Dec 2023 18:03
Operator : MA/JU
Sample : 05456-07MS
Misc :
ALS Vial : 79 Sample Multiplier: 1

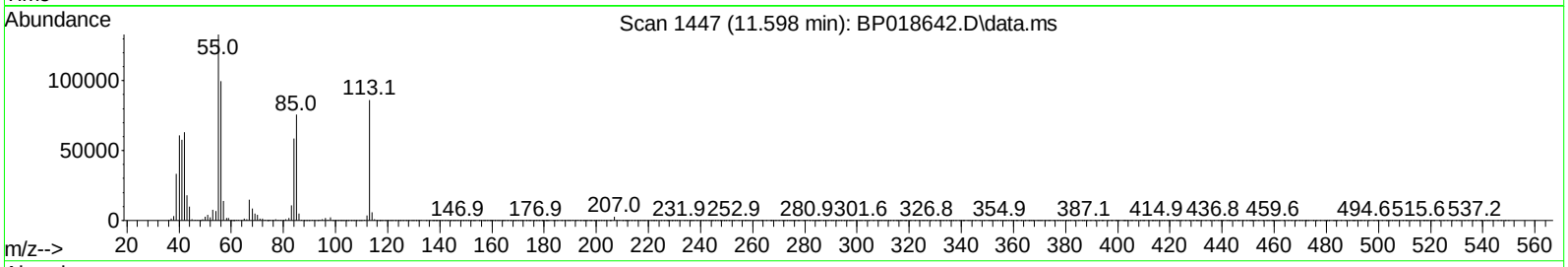
Quant Time: Dec 06 21:43:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

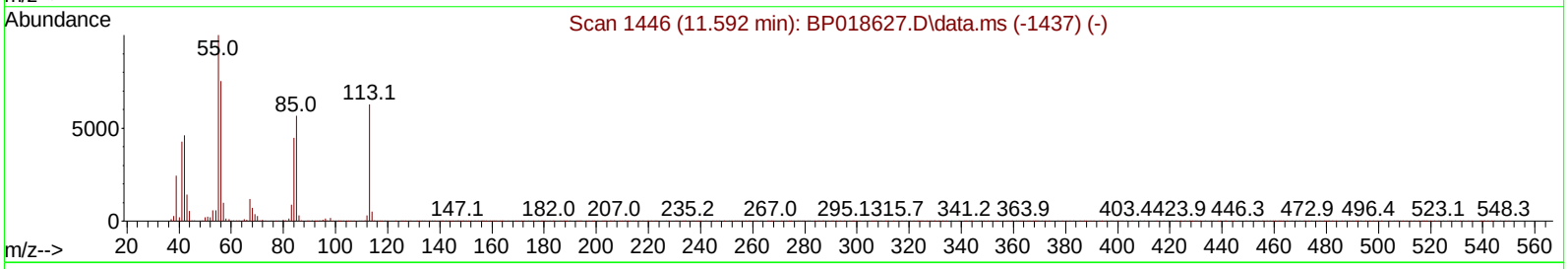
Instrument :
BNA_P
ClientSampleId :
E05N2MS

Manual IntegrationsAPPROVED

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







TIC: BP018642.D\data.ms

(34) Caprolactam

11.598min (+ 0.006) 22.59 ng/ul

response 178715

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	154.37
56.00	121.80	115.57
0.00	0.00	0.00

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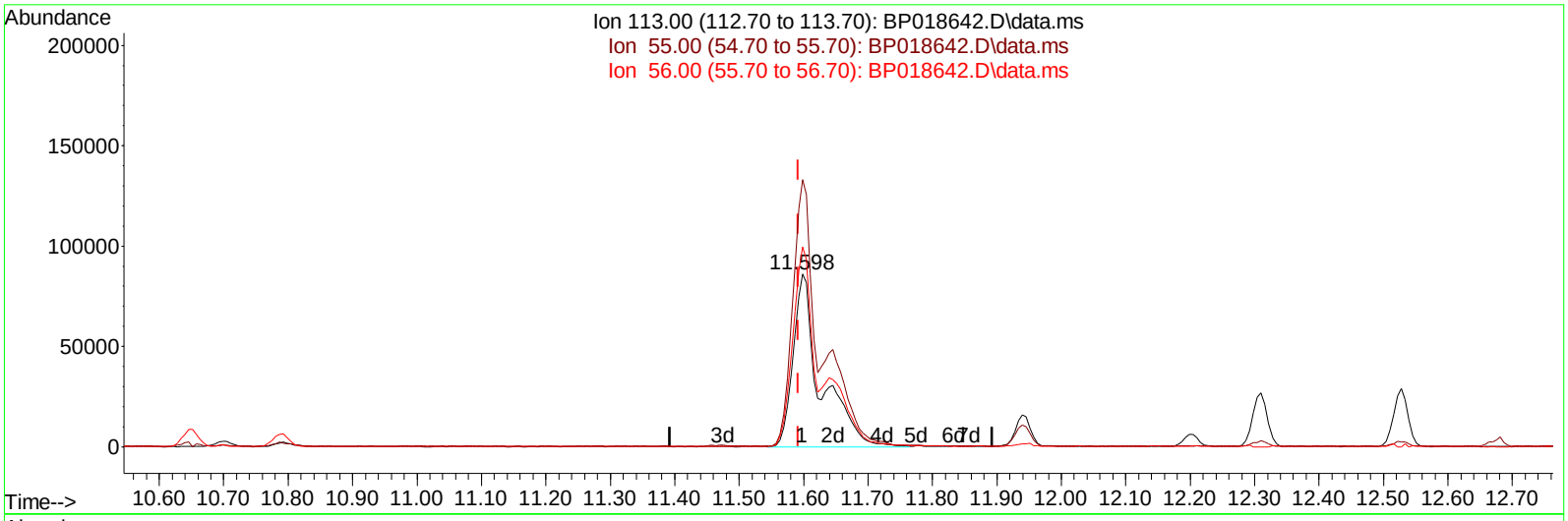

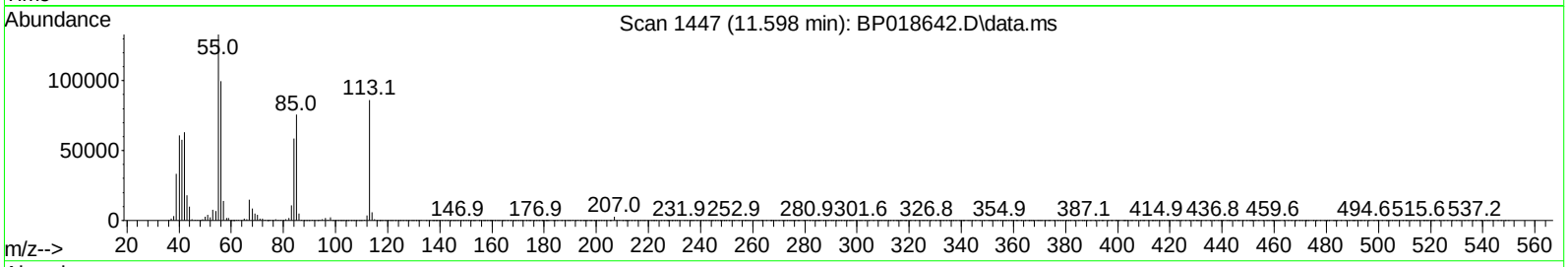

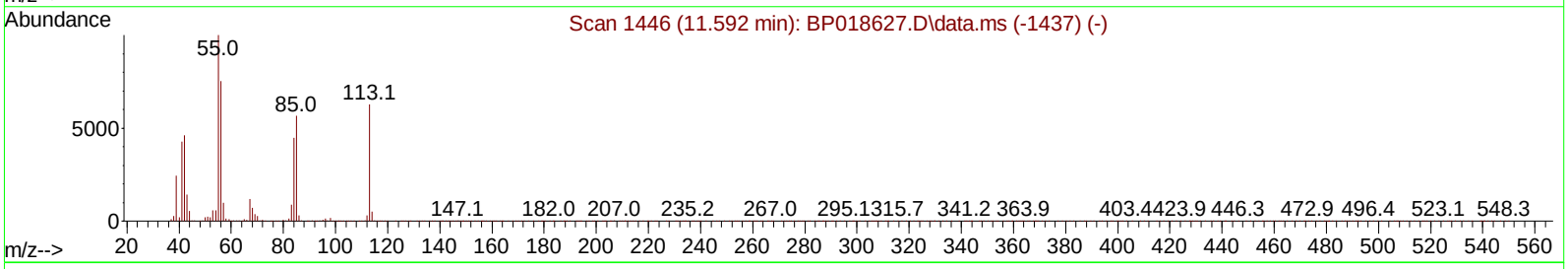

TIC: BP018642.D\data.ms

(34) Caprolactam

11.598min (+ 0.006) 32.50 ng/ul m

response 257153

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	154.37
56.00	121.80	115.57
0.00	0.00	0.00

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Acq On : 06 Dec 2023 18:03
Operator : MA/JU
Sample : 05456-07MS
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Dec 06 22:36:31 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
ClientSampleId :
E05N2MS

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	382947	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1419719	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	793110	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1701227	20.000	ng/ul	0.00
79) Chrysene-d12	21.321	240	1782687	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	2204675	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	63260	5.629	ng/uL	0.00
4) Pyridine-d5	3.681	84	838995	27.873	ng/ul	0.00
7) Phenol-d5	7.022	99	1132827	29.478	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	666542	29.264	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	889027	29.647	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	844702	27.160	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	424880	33.625	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	470388	35.906	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	780301	29.129	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	1052826	30.073	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	2259314	31.918	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	2666029	34.204	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	422663	36.376	ng/ul	0.00
60) Fluorene-d10	15.475	176	1949380	32.808	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	312494	30.635	ng/ul	0.00
73) Anthracene-d10	17.328	188	3012949	33.688	ng/ul	0.00
81) Pyrene-d10	19.569	212	3752100	27.039	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.545	264	4321572	33.618	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	138393	11.230	ng/uL	95
5) Pyridine	3.705	79	925262	30.439	ng/ul	95
6) Benzaldehyde	6.993	77	586193	29.544	ng/ul	98
8) Phenol	7.052	94	1148449	30.473	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	933947	30.175	ng/ul	99
12) 2-Chlorophenol	7.416	128	899732	29.646	ng/ul	98
13) 2-Methylphenol	8.299	108	836454	28.991	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1101449	28.047	ng/ul	98
16) Acetophenone	8.681	105	1325140	28.590	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	638942	25.058	ng/ul	97
18) 4-Methylphenol	8.634	108	883173	28.032	ng/ul	98
19) Hexachloroethane	8.928	117	381790	30.686	ng/ul	93
22) Nitrobenzene	9.057	77	1001627	32.603	ng/ul	98
23) Isophorone	9.587	82	1847581	29.495	ng/ul	99
25) 2-Nitrophenol	9.769	139	489939	34.929	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	721254	26.291	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.069	93	1063229	26.886	ng/ul	99
29) 2,4-Dichlorophenol	10.299	162	744557	28.856	ng/ul	99
30) Naphthalene	10.699	128	2724868	31.638	ng/ul	100
32) 4-Chloroaniline	10.816	127	924891	27.719	ng/ul	100
33) Hexachlorobutadiene	10.981	225	613715	35.515	ng/ul	99
34) Caprolactam	11.598	113	257153m	32.502	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	837743	28.982	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	1808534	29.641	ng/ul	98
37) 1-Methylnaphthalene	12.528	142	1768548	28.702	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	1057086	36.736	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	559325	32.794	ng/ul	99
41) 2,4,6-Trichlorophenol	12.916	196	655896	35.433	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	702227	34.992	ng/ul	99
43) 1,1'-Biphenyl	13.322	154	2314247	33.739	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	1871352	34.543	ng/ul	99
45) 2-Nitroaniline	13.569	65	503944	34.313	ng/ul	97
47) Dimethylphthalate	13.945	163	2209035	31.703	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	470506	35.741	ng/ul	91
50) Acenaphthylene	14.204	152	2950268	33.666	ng/ul	100
51) 3-Nitroaniline	14.392	138	474417	36.101	ng/ul	100
52) Acenaphthene	14.545	153	1925979	33.239	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	209289	29.997	ng/ul	96
55) 4-Nitrophenol	14.704	109	322453	36.732	ng/ul	96
56) Dibenzofuran	14.881	168	2658111	33.007	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	657692	35.517	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.104	232	574707	34.141	ng/ul	98
59) Diethylphthalate	15.310	149	2151445	31.554	ng/ul	100
61) Fluorene	15.534	166	2098747	32.936	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.528	204	1107634	33.142	ng/ul	95
63) 4-Nitroaniline	15.557	138	499952	39.935	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.610	198	350126	32.104	ng/ul	96
67) N-Nitrosodiphenylamine	15.739	169	1793546	31.815	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	716939	33.381	ng/ul	96
69) Hexachlorobenzene	16.534	284	823247	34.332	ng/ul	97
70) Atrazine	16.698	200	533026	31.803	ng/ul	99
71) Pentachlorophenol	16.881	266	513908	36.035	ng/ul	99
72) Phenanthrene	17.275	178	3401786	33.109	ng/ul	100
74) Anthracene	17.363	178	3449842	33.497	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.281	216	1059968	36.034	ng/uL	99
76) Pentachlorobenzene	14.798	250	994933	34.433	ng/uL	99
77) Carbazole	17.639	167	3140677	38.263	ng/ul	99
78) Di-n-butylphthalate	18.192	149	3700873	33.861	ng/ul	100
80) Fluoranthene	19.239	202	4259904	25.970	ng/ul	98
82) Pyrene	19.598	202	4412647	26.666	ng/ul	96
83) Butylbenzylphthalate	20.474	149	1810839	29.892	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	1388342	32.048	ng/ul	99
85) Benzo(a)anthracene	21.304	228	4820258	33.312	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	2579275	30.977	ng/ul	99
87) Chrysene	21.357	228	4413121	33.119	ng/ul	99
89) Di-n-octyl phthalate	22.151	149	4780122	29.696	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	5049806	31.066	ng/ul	99
91) Benzo(k)fluoranthene	23.021	252	5047317	32.091	ng/ul	99
93) Benzo(a)pyrene	23.592	252	4879484	32.852	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.174	276	6255886	35.252	ng/ul	97
95) Dibenzo(a,h)anthracene	26.192	278	5161645	34.965	ng/ul	98
96) Benzo(g,h,i)perylene	26.933	276	5060202	35.431	ng/ul	97

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

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