Quantitation Report (Qedit)

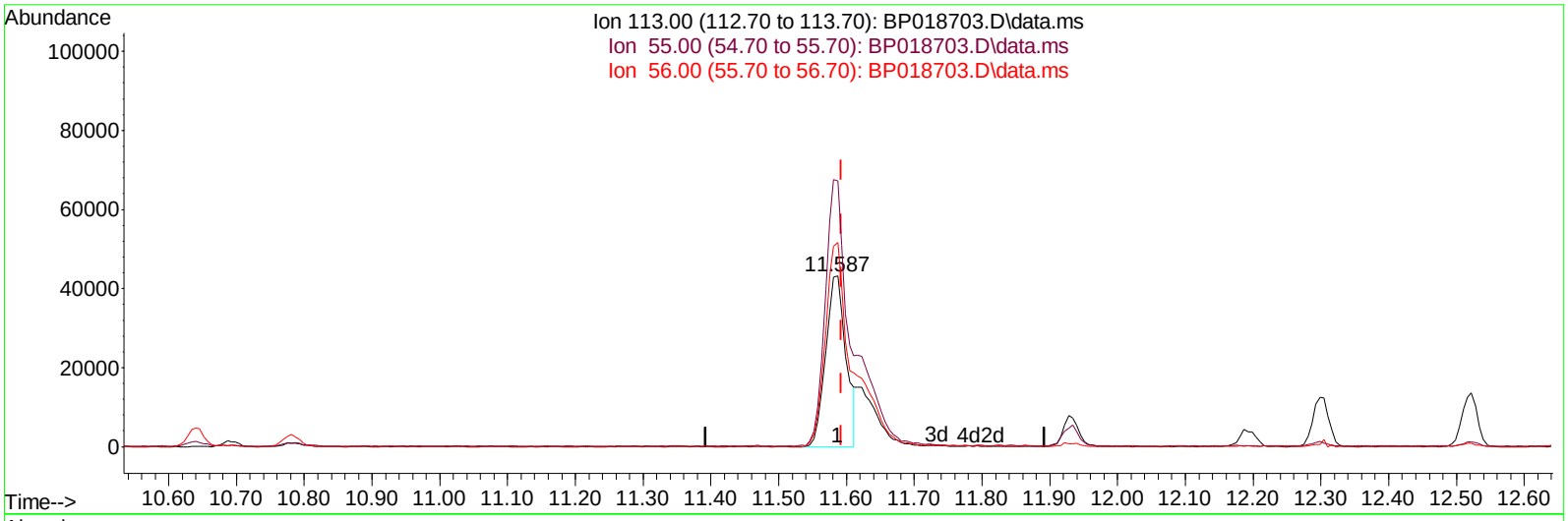
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018703.D
Acq On : 08 Dec 2023 09:16
Operator : MA/JU
Sample : PB157420BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

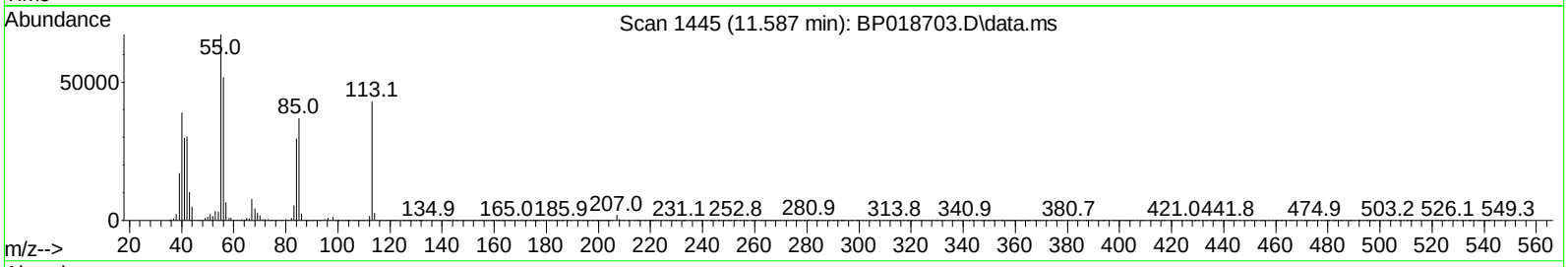
Quant Time: Dec 08 10:19:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

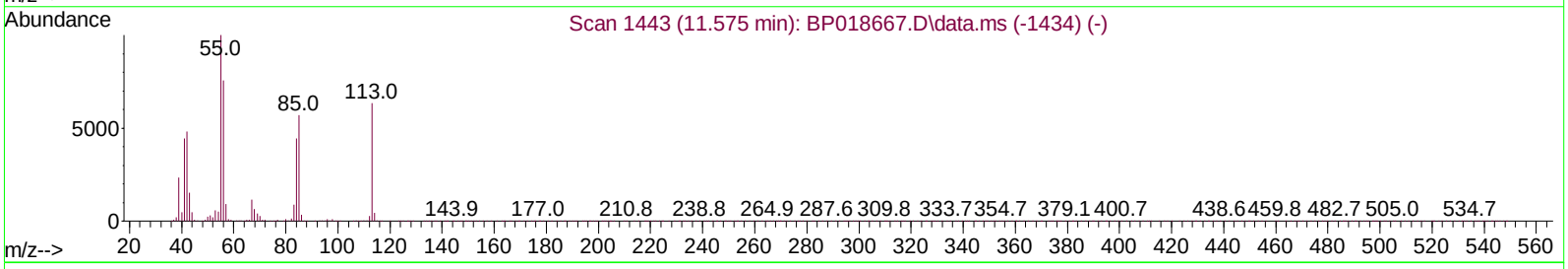
Instrument :
BNA_P
ClientSampleId :
SLCS420

Manual IntegrationsAPPROVED

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







TIC: BP018703.D\data.ms

(34) Caprolactam

11.587min (-0.006) 22.43 ng/ul

response 90101

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	155.71
56.00	121.80	119.81
0.00	0.00	0.00

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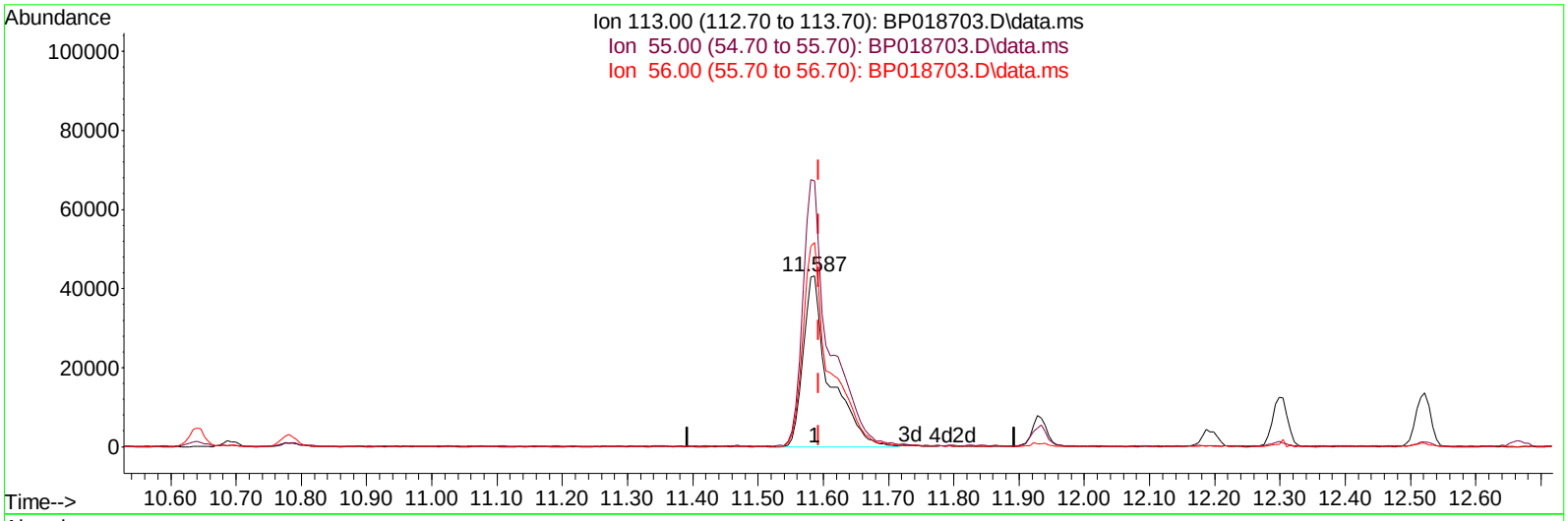

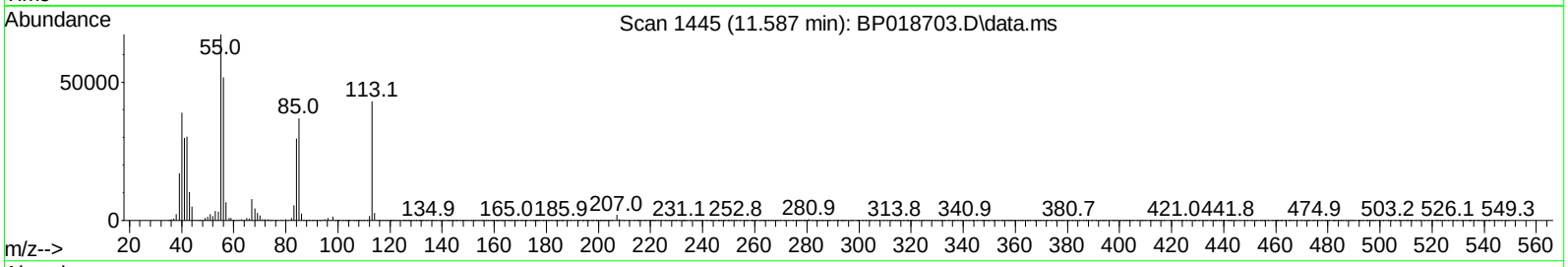

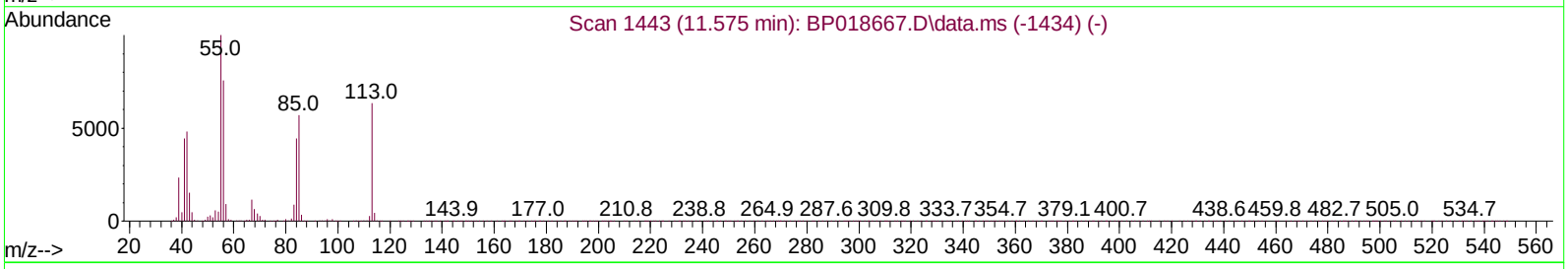

TIC: BP018703.D\data.ms

(34) Caprolactam

11.587min (-0.006) 30.57 ng/ul m

response 122784

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	155.71
56.00	121.80	119.81
0.00	0.00	0.00

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Sample : PB157420BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
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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	7.846	152	188531	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.640	136	720693	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.475	164	461023	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1101314	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1202260	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	1435907	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	27230	4.922	ng/uL	0.00
4) Pyridine-d5	3.681	84	366035	24.700	ng/ul	0.00
7) Phenol-d5	7.017	99	450550	23.814	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	256029	22.832	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	356439	24.144	ng/ul	-0.01
15) 4-Methylphenol-d8	8.558	113	354639	23.162	ng/ul	-0.01
21) Nitrobenzene-d5	9.005	128	168538	26.275	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	183703	27.624	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	368706	27.114	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.781	131	443013	24.928	ng/ul	-0.01
46) Dimethylphthalate-d6	13.893	166	1075998	26.150	ng/ul	-0.01
49) Acenaphthylene-d8	14.169	160	1203276	26.558	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.681	143	211996	31.388	ng/ul	0.00
60) Fluorene-d10	15.469	176	935122	27.075	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	177064	26.814	ng/ul	0.00
73) Anthracene-d10	17.322	188	1537055	26.548	ng/ul	0.00
81) Pyrene-d10	19.557	212	2027284	21.662	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.527	264	2274198	27.163	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	57100	9.412	ng/uL	97
5) Pyridine	3.699	79	384062	25.664	ng/ul	98
6) Benzaldehyde	6.987	77	234800	24.037	ng/ul	99
8) Phenol	7.040	94	474819	25.591	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.275	93	375128	24.618	ng/ul	99
12) 2-Chlorophenol	7.411	128	378857	25.356	ng/ul	97
13) 2-Methylphenol	8.293	108	352395	24.809	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.369	45	436798	22.592	ng/ul	98
16) Acetophenone	8.669	105	561423	24.603	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.663	70	268065	21.354	ng/ul	99
18) 4-Methylphenol	8.622	108	377297	24.325	ng/ul	99
19) Hexachloroethane	8.922	117	159742	26.079	ng/ul	85
22) Nitrobenzene	9.052	77	431804	27.688	ng/ul	98
23) Isophorone	9.575	82	786024	24.719	ng/ul	99
25) 2-Nitrophenol	9.758	139	207224	29.103	ng/ul	96
26) 2,4-Dimethylphenol	9.822	107	339952	24.411	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.063	93	485076	24.163	ng/ul	99
29) 2,4-Dichlorophenol	10.293	162	371154	28.336	ng/ul	98
30) Naphthalene	10.693	128	1157760	26.481	ng/ul	98
32) 4-Chloroaniline	10.805	127	388694	22.948	ng/ul	99
33) Hexachlorobutadiene	10.975	225	281237	32.060	ng/ul	100
34) Caprolactam	11.587	113	122784m	30.572	ng/ul	
35) 4-Chloro-3-methylphenol	11.934	107	395404	26.947	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.299	142	796592	25.719	ng/ul	100
37) 1-Methylnaphthalene	12.522	142	787257	25.169	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.669	216	506613	30.288	ng/ul	98
40) Hexachlorocyclopentadiene	12.646	237	240359	24.244	ng/ul	100
41) 2,4,6-Trichlorophenol	12.910	196	316923	29.454	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	346933	29.741	ng/ul	100
43) 1,1'-Biphenyl	13.310	154	1074101	26.939	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	875002	27.786	ng/ul	99
45) 2-Nitroaniline	13.563	65	247858	29.033	ng/ul	99
47) Dimethylphthalate	13.940	163	1111764	27.449	ng/ul	100
48) 2,6-Dinitrotoluene	14.057	165	234034	30.584	ng/ul	96
50) Acenaphthylene	14.198	152	1398471	27.453	ng/ul	99
51) 3-Nitroaniline	14.387	138	234106	30.647	ng/ul	100
52) Acenaphthene	14.540	153	927076	27.525	ng/ul	97
53) 2,4-Dinitrophenol	14.587	184	122351	30.168	ng/ul	95
55) 4-Nitrophenol	14.693	109	193894	37.998	ng/ul	84
56) Dibenzofuran	14.875	168	1312850	28.045	ng/ul	98
57) 2,4-Dinitrotoluene	14.840	165	346695	32.209	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.098	232	309614	31.642	ng/ul	95
59) Diethylphthalate	15.304	149	1104365	27.864	ng/ul	100
61) Fluorene	15.522	166	1066343	28.788	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.522	204	568252	29.251	ng/ul	97
63) 4-Nitroaniline	15.545	138	257731	35.416	ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.604	198	198766	28.154	ng/ul	94
67) N-Nitrosodiphenylamine	15.734	169	922164	25.269	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	385341	27.715	ng/ul	96
69) Hexachlorobenzene	16.522	284	475355	30.622	ng/ul	98
70) Atrazine	16.692	200	259708	23.937	ng/ul	98
71) Pentachlorophenol	16.869	266	296256	32.089	ng/ul	99
72) Phenanthrene	17.269	178	1854664	27.884	ng/ul	100
74) Anthracene	17.357	178	1842370	27.633	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.275	216	509584	26.760	ng/uL	100
76) Pentachlorobenzene	14.793	250	520616	27.832	ng/uL	99
77) Carbazole	17.634	167	1714961	32.274	ng/ul	99
78) Di-n-butylphthalate	18.187	149	1956404	27.650	ng/ul	100
80) Fluoranthene	19.234	202	2442328	22.078	ng/ul	95
82) Pyrene	19.586	202	2523464	22.612	ng/ul#	93
83) Butylbenzylphthalate	20.463	149	975613	23.880	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.233	252	862739	29.530	ng/ul	99
85) Benzo(a)anthracene	21.298	228	2722792	27.901	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.228	149	1392783	24.803	ng/ul#	99
87) Chrysene	21.351	228	2522118	28.065	ng/ul	100
89) Di-n-octyl phthalate	22.139	149	2493689	23.786	ng/ul	100
90) Benzo(b)fluoranthene	22.957	252	2845048	26.873	ng/ul	98
91) Benzo(k)fluoranthene	23.004	252	2819664	27.526	ng/ul	98
93) Benzo(a)pyrene	23.580	252	2687764	27.784	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.145	276	3466112	29.989	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.168	278	2864598	29.794	ng/ul#	95
96) Benzo(g,h,i)perylene	26.904	276	2800536	30.108	ng/ul#	95

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

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