Quantitation Report (Qedit)

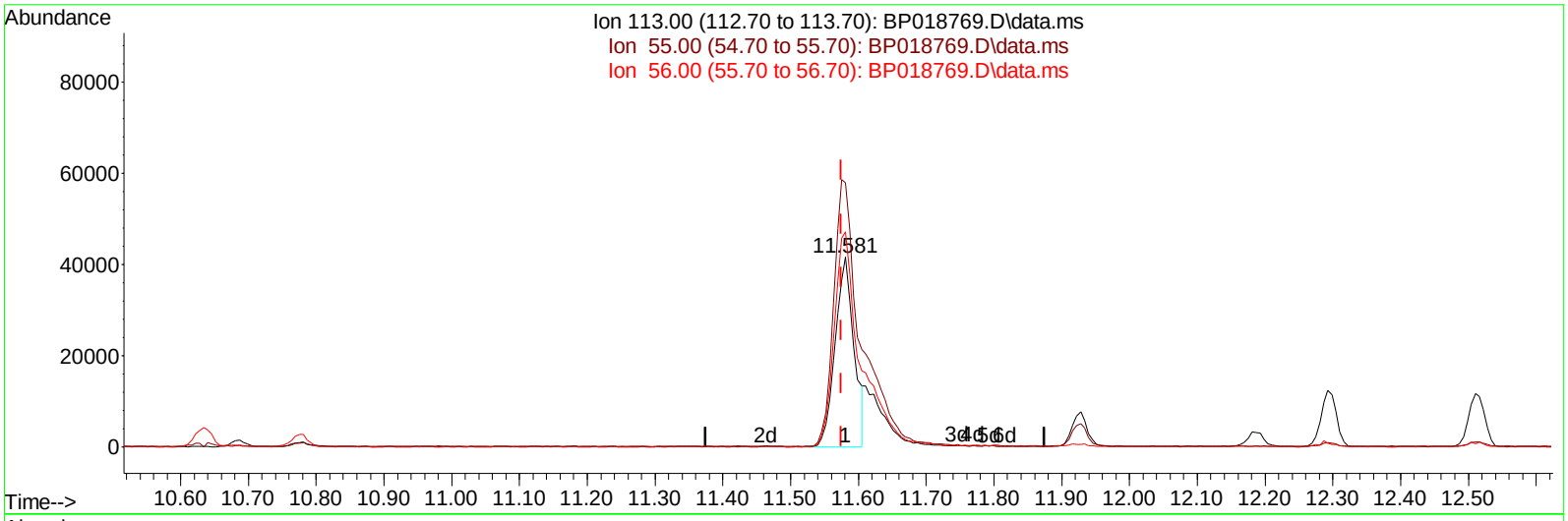
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018769.D
Acq On : 12 Dec 2023 15:45
Operator : MA/JU
Sample : PB157625BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

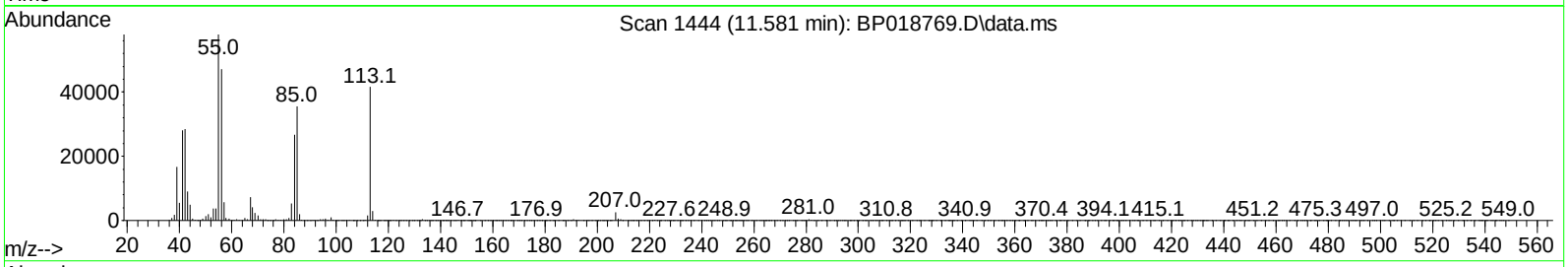
Quant Time: Dec 12 21:38:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 11 22:02:13 2023
Response via : Initial Calibration

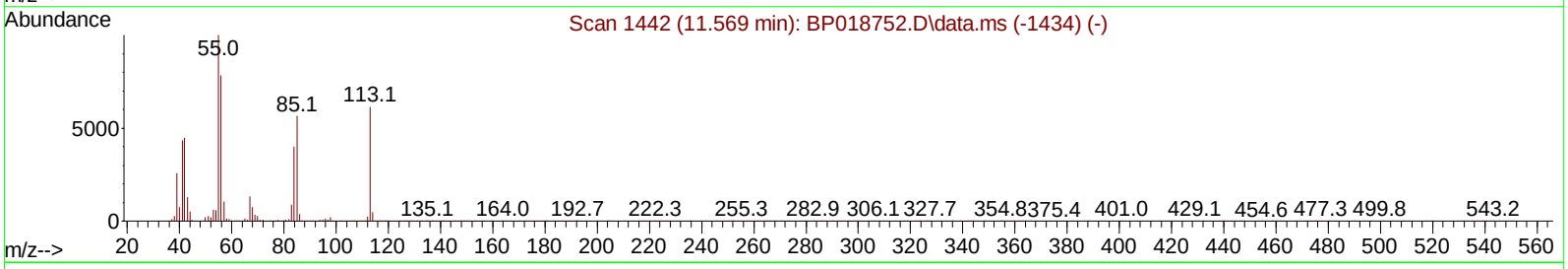
Instrument :
BNA_P
ClientSampleId :
SLCS625

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :mohammad ahmed 12/14/2023







TIC: BP018769.D\data.ms

(34) Caprolactam

11.581min (+ 0.006) 22.47 ng/ul

response 79759

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	139.30
56.00	121.80	113.40
0.00	0.00	0.00

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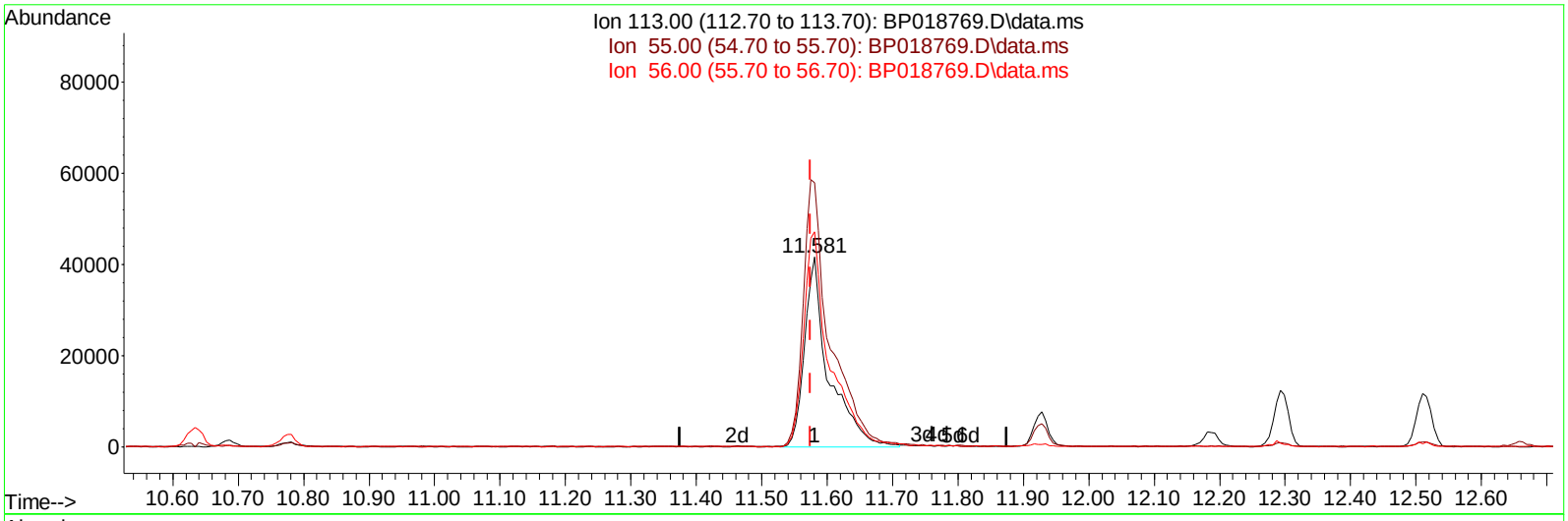

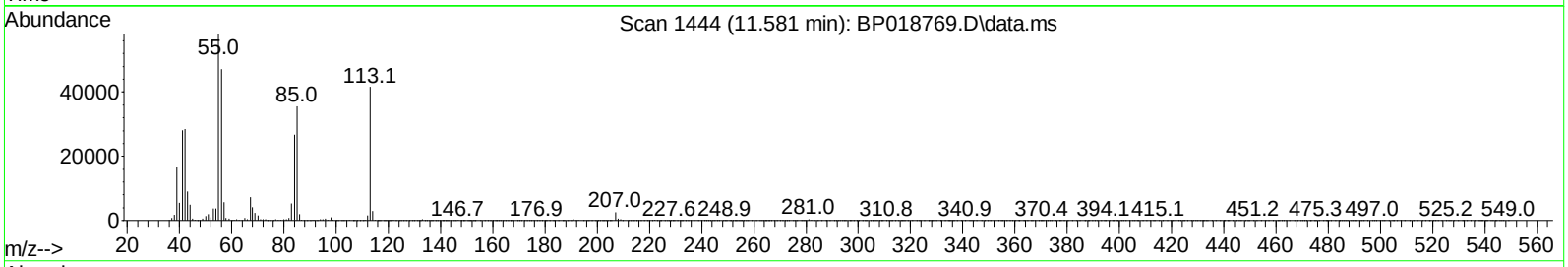

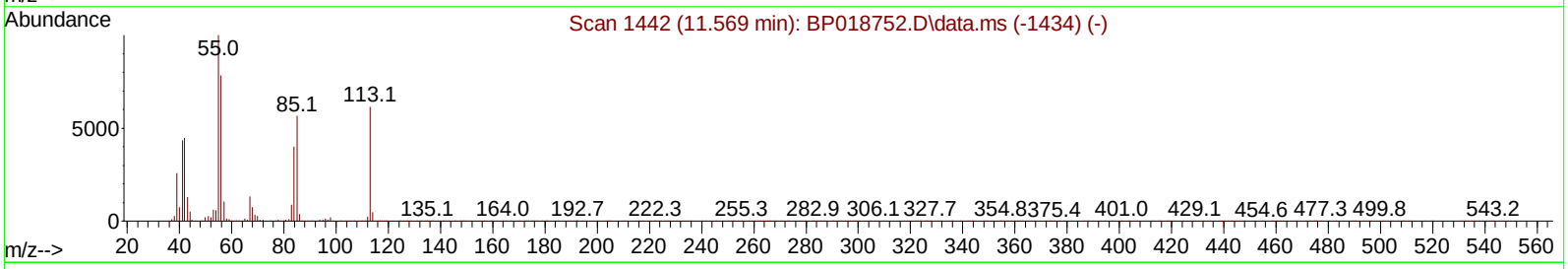

TIC: BP018769.D\data.ms

(34) Caprolactam

11.581min (+ 0.006) 30.29 ng/ul m

response 107511

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	139.30
56.00	121.80	113.40
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB157625BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 12 22:08:50 2023
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Quant Title : SVOA CALIBRATION
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	166554	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	636896	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	412610	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	980210	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.310	240	1076334	20.000	ng/ul	# 0.00
88) Perylene-d12	23.674	264	1217816	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	26285	5.378	ng/uL	0.00
4) Pyridine-d5	3.681	84	336414	25.697	ng/ul	0.00
7) Phenol-d5	7.011	99	413992	24.769	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	239518	24.178	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	330780	25.362	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	321026	23.733	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	155272	27.392	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	169501	28.841	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	348853	29.029	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	401203	25.546	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1042582	28.311	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1115401	27.507	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	187117	30.955	ng/ul	0.00
60) Fluorene-d10	15.463	176	883087	28.568	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	181653	30.907	ng/ul	0.00
73) Anthracene-d10	17.316	188	1416234	27.483	ng/ul	0.00
81) Pyrene-d10	19.551	212	1891370	22.574	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.522	264	2137584	30.104	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	51812	9.667	ng/uL	97
5) Pyridine	3.699	79	342290	25.891	ng/ul	99
6) Benzaldehyde	6.981	77	211570	24.517	ng/ul	100
8) Phenol	7.040	94	418479	25.531	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.269	93	337123	25.044	ng/ul	99
12) 2-Chlorophenol	7.405	128	340000	25.758	ng/ul	99
13) 2-Methylphenol	8.287	108	310289	24.727	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	398835	23.350	ng/ul	98
16) Acetophenone	8.663	105	506642	25.132	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.652	70	243437	21.951	ng/ul	100
18) 4-Methylphenol	8.616	108	329587	24.053	ng/ul	99
19) Hexachloroethane	8.916	117	148257	27.398	ng/ul	84
22) Nitrobenzene	9.046	77	389388	28.253	ng/ul	99
23) Isophorone	9.569	82	702285	24.992	ng/ul	98
25) 2-Nitrophenol	9.752	139	183902	29.225	ng/ul#	92
26) 2,4-Dimethylphenol	9.816	107	266995	21.695	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.058	93	436627	24.612	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	340432	29.411	ng/ul	97
30) Naphthalene	10.687	128	1035116	26.791	ng/ul	99
32) 4-Chloroaniline	10.799	127	330985	22.112	ng/ul	98
33) Hexachlorobutadiene	10.969	225	271663	35.044	ng/ul	98
34) Caprolactam	11.581	113	107511m	30.291	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	350814	27.054	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.293	142	717646	26.219 ng/ul	99
37) 1-Methylnaphthalene	12.516	142	704668	25.492 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.663	216	477782	31.916 ng/ul	97
40) Hexachlorocyclopentadiene	12.640	237	226380	25.513 ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	291036	30.221 ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	323410	30.977 ng/ul	99
43) 1,1'-Biphenyl	13.304	154	966121	27.074 ng/ul	99
44) 2-Chloronaphthalene	13.346	162	790722	28.055 ng/ul	99
45) 2-Nitroaniline	13.557	65	223072	29.196 ng/ul	98
47) Dimethylphthalate	13.934	163	1055420	29.115 ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	213293	31.144 ng/ul	98
50) Acenaphthylene	14.193	152	1244585	27.299 ng/ul	99
51) 3-Nitroaniline	14.381	138	203822	29.813 ng/ul	98
52) Acenaphthene	14.534	153	836331	27.744 ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	118329	32.600 ng/ul	92
55) 4-Nitrophenol	14.687	109	178924	39.178 ng/ul#	77
56) Dibenzofuran	14.869	168	1194830	28.519 ng/ul	98
57) 2,4-Dinitrotoluene	14.840	165	320848	33.305 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.093	232	285624	32.615 ng/ul	95
59) Diethylphthalate	15.298	149	1049812	29.595 ng/ul	100
61) Fluorene	15.516	166	977374	29.482 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	542794	31.219 ng/ul	96
63) 4-Nitroaniline	15.545	138	220730	33.891 ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.598	198	200938	31.978 ng/ul#	92
67) N-Nitrosodiphenylamine	15.728	169	851190	26.206 ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	373251	30.162 ng/ul	95
69) Hexachlorobenzene	16.516	284	458234	33.166 ng/ul	97
70) Atrazine	16.687	200	231089	23.930 ng/ul	98
71) Pentachlorophenol	16.863	266	268291	32.651 ng/ul	99
72) Phenanthrene	17.257	178	1683396	28.436 ng/ul	99
74) Anthracene	17.351	178	1655453	27.897 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	478968	28.260 ng/uL	100
76) Pentachlorobenzene	14.787	250	496979	29.851 ng/uL	99
77) Carbazole	17.628	167	1545730	32.683 ng/ul	100
78) Di-n-butylphthalate	18.181	149	1857178	29.491 ng/ul	99
80) Fluoranthene	19.228	202	2229539	22.512 ng/ul#	93
82) Pyrene	19.581	202	2289049	22.911 ng/ul#	92
83) Butylbenzylphthalate	20.463	149	893271	24.422 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.228	252	795449	30.412 ng/ul	99
85) Benzo(a)anthracene	21.292	228	2506953	28.695 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.222	149	1308810	26.035 ng/ul#	99
87) Chrysene	21.345	228	2312228	28.740 ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2327581	26.177 ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2659947	29.624 ng/ul#	98
91) Benzo(k)fluoranthene	22.998	252	2595762	29.878 ng/ul#	98
93) Benzo(a)pyrene	23.569	252	2480213	30.230 ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.139	276	3126964	31.899 ng/ul#	94
95) Dibenzo(a,h)anthracene	26.151	278	2604607	31.941 ng/ul#	95
96) Benzo(g,h,i)perylene	26.886	276	2522324	31.973 ng/ul#	93

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

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