Quantitation Report (Qedit)

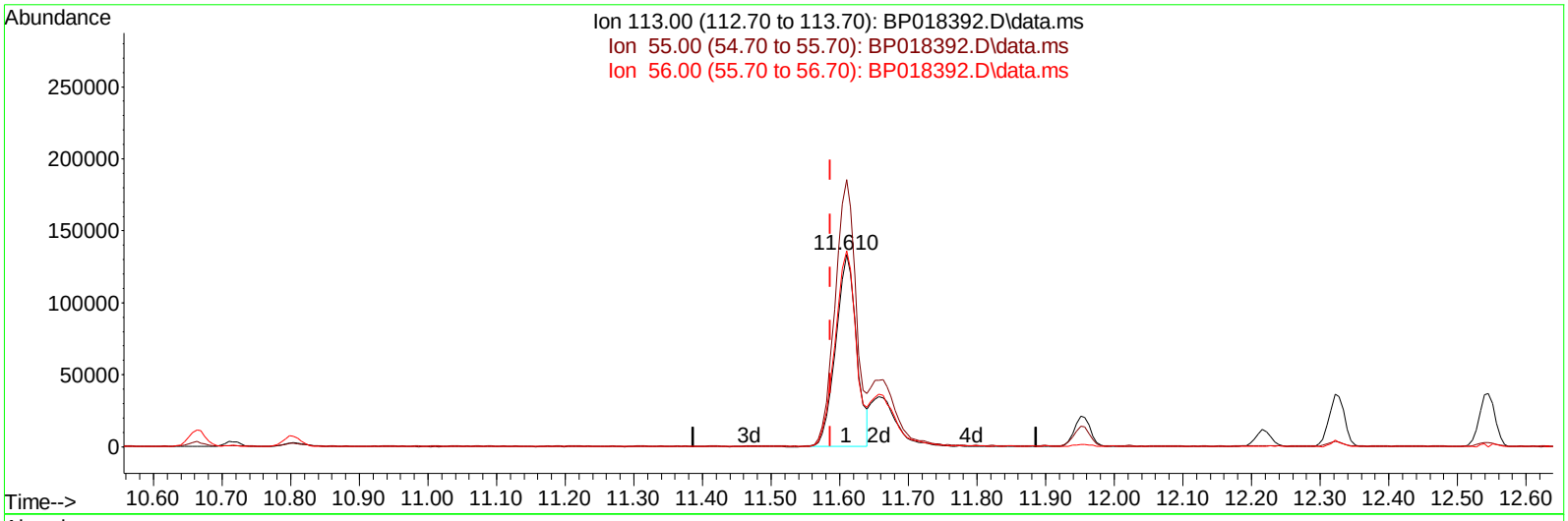
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018392.D
Acq On : 26 Nov 2023 06:01
Operator : MA/JU
Sample : PB157165BS
Misc :
ALS Vial : 77 Sample Multiplier: 1

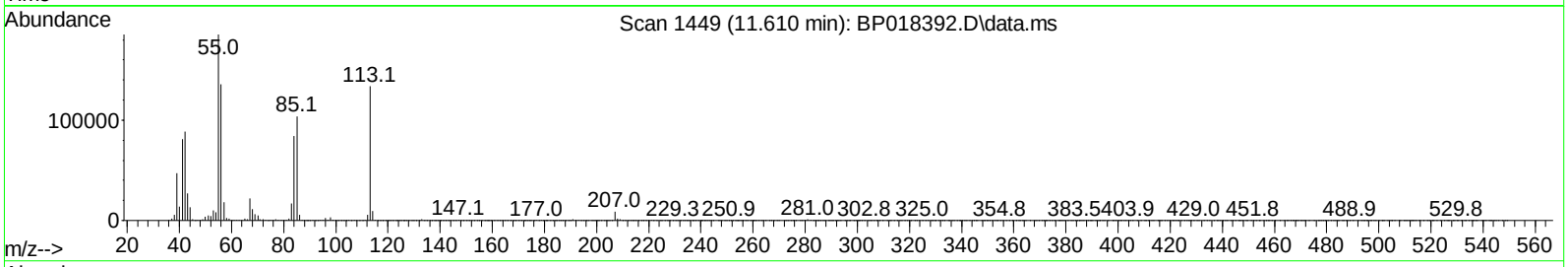
Quant Time: Nov 27 00:09:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

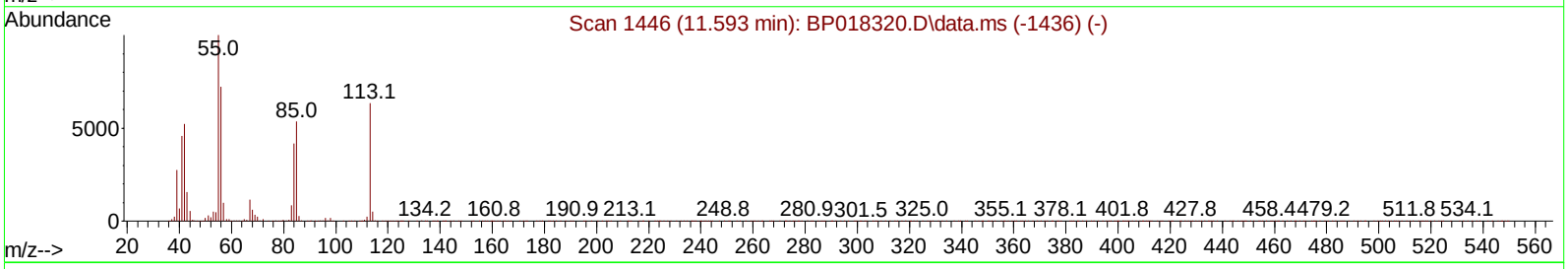
Instrument :
BNA_P
ClientSampleId :
SLCS165

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023







TIC: BP018392.D\data.ms

(34) Caprolactam

11.610min (+ 0.023) 25.92 ng/ul

response 278804

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.20	138.75
56.00	118.50	101.77
0.00	0.00	0.00

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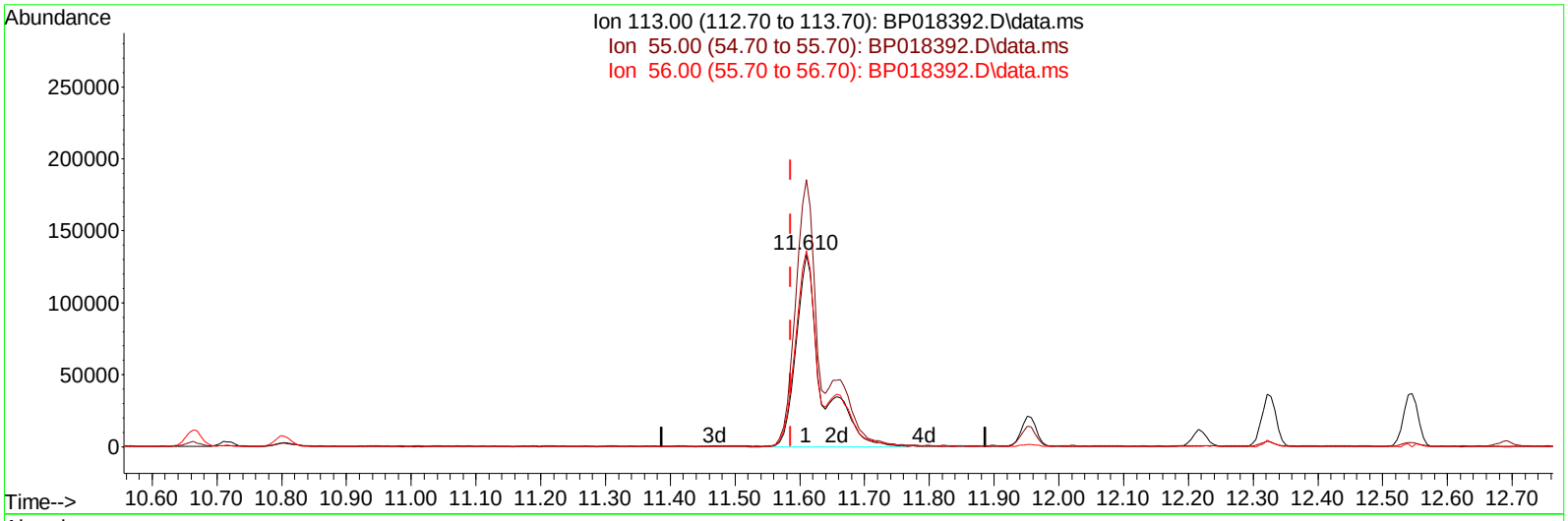

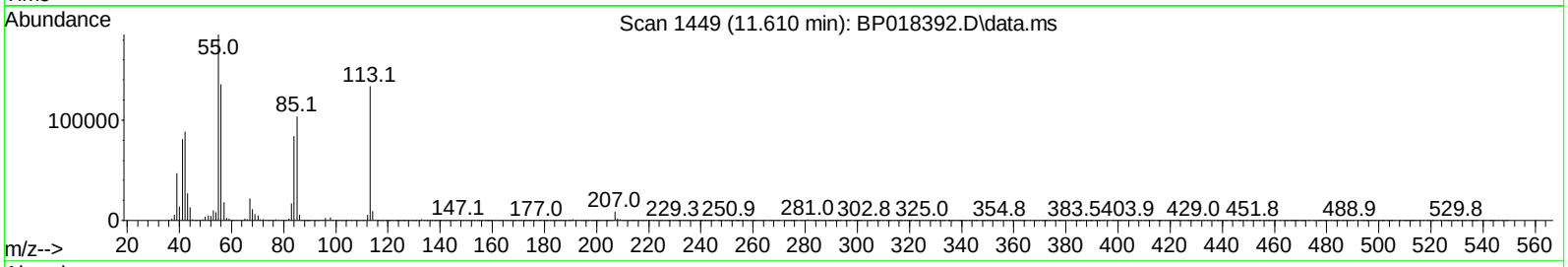

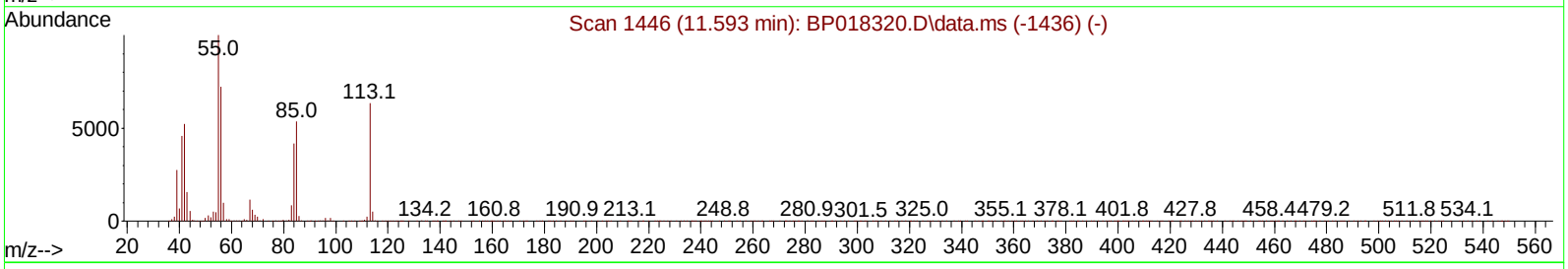

TIC: BP018392.D\data.ms

(34) Caprolactam

11.610min (+ 0.023) 34.42 ng/ul m

response 370176

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.20	138.75
56.00	118.50	101.77
0.00	0.00	0.00

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Sample : PB157165BS
Misc :
ALS Vial : 77 Sample Multiplier: 1

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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	7.863	152	514858	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	2152847	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	1326276	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	2657234	20.000	ng/ul	0.00
79) Chrysene-d12	21.356	240	1836644	20.000	ng/ul	0.00
88) Perylene-d12	23.809	264	1994733	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	72361	5.264	ng/uL	0.00
4) Pyridine-d5	3.687	84	973673	25.775	ng/ul	0.00
7) Phenol-d5	7.034	99	1381532	29.361	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	743576	26.427	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	1162426	29.424	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	1130541	29.773	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	560627	32.061	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	589982	36.533	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	1215121	31.188	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	1476309	28.095	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	3352705	28.410	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	3792718	28.205	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	494846	30.374	ng/ul	0.01
60) Fluorene-d10	15.492	176	2784323	28.208	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	419626	37.097	ng/ul	0.00
73) Anthracene-d10	17.345	188	3976521	27.998	ng/ul	0.00
81) Pyrene-d10	19.586	212	4152036	28.405	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	3425814	29.623	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	146984	9.972	ng/uL#	93
5) Pyridine	3.704	79	1022381	26.860	ng/ul	96
6) Benzaldehyde	7.004	77	746752	29.991	ng/ul	96
8) Phenol	7.057	94	1412635	30.606	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.293	93	1130409	29.402	ng/ul	97
12) 2-Chlorophenol	7.428	128	1200152	30.281	ng/ul	95
13) 2-Methylphenol	8.310	108	1102280	30.661	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.398	45	1346557	24.640	ng/ul	94
16) Acetophenone	8.692	105	1698195	29.227	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.687	70	781118	24.065	ng/ul	92
18) 4-Methylphenol	8.645	108	1182259	30.796	ng/ul	97
19) Hexachloroethane	8.945	117	476445	28.785	ng/ul	92
22) Nitrobenzene	9.069	77	1200353	29.301	ng/ul	94
23) Isophorone	9.598	82	2379035	26.056	ng/ul	97
25) 2-Nitrophenol	9.781	139	659778	36.312	ng/ul	92
26) 2,4-Dimethylphenol	9.845	107	1026874	25.172	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.086	93	1539932	27.926	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	1212163	32.480	ng/ul	98
30) Naphthalene	10.716	128	3803061	29.208	ng/ul	100
32) 4-Chloroaniline	10.828	127	1375131	27.732	ng/ul	99
33) Hexachlorobutadiene	11.004	225	847874	33.310	ng/ul	99
34) Caprolactam	11.610	113	370176m	34.420	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	1152278	28.877	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.328	142	2647313	28.728	ng/ul	99
37) 1-Methylnaphthalene	12.545	142	2594965	27.976	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.692	216	1565145	33.414	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	709266	26.735	ng/ul	100
41) 2,4,6-Trichlorophenol	12.933	196	962861	34.228	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	1047045	34.421	ng/ul	99
43) 1,1'-Biphenyl	13.339	154	3460438	29.946	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	2775939	30.352	ng/ul	98
45) 2-Nitroaniline	13.580	65	617422	31.374	ng/ul	87
47) Dimethylphthalate	13.963	163	3428389	29.691	ng/ul	99
48) 2,6-Dinitrotoluene	14.080	165	696679	35.787	ng/ul	88
50) Acenaphthylene	14.222	152	4364813	29.121	ng/ul	99
51) 3-Nitroaniline	14.404	138	649512	33.579	ng/ul#	92
52) Acenaphthene	14.563	153	2859028	29.199	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	263665	38.821	ng/ul	98
55) 4-Nitrophenol	14.710	109	357250	29.599	ng/ul	94
56) Dibenzofuran	14.898	168	3943493	29.459	ng/ul	98
57) 2,4-Dinitrotoluene	14.863	165	949246	36.083	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.121	232	813399	34.049	ng/ul	94
59) Diethylphthalate	15.333	149	3331361	28.720	ng/ul	98
61) Fluorene	15.545	166	3091030	28.315	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	1675610	30.227	ng/ul	96
63) 4-Nitroaniline	15.569	138	603486	33.060	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.621	198	477658	38.074	ng/ul	97
67) N-Nitrosodiphenylamine	15.757	169	2678469	29.725	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	967993	28.853	ng/ul	96
69) Hexachlorobenzene	16.545	284	1255931	33.486	ng/ul	93
70) Atrazine	16.716	200	775103	28.176	ng/ul	98
71) Pentachlorophenol	16.892	266	668145	34.670	ng/ul	99
72) Phenanthrene	17.292	178	4776213	29.551	ng/ul	99
74) Anthracene	17.380	178	4721775	28.942	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	1578890	34.568	ng/uL	100
76) Pentachlorobenzene	14.816	250	1521383	34.290	ng/uL	99
77) Carbazole	17.651	167	4016507	30.388	ng/ul	99
78) Di-n-butylphthalate	18.215	149	5378984	29.258	ng/ul	100
80) Fluoranthene	19.262	202	5163663	29.570	ng/ul	97
82) Pyrene	19.615	202	5105019	29.032	ng/ul	97
83) Butylbenzylphthalate	20.509	149	1996147	30.675	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.286	252	1398359	31.479	ng/ul	99
85) Benzo(a)anthracene	21.345	228	4479056	29.924	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	2933458	30.046	ng/ul	99
87) Chrysene	21.398	228	4158755	30.532	ng/ul	100
89) Di-n-octyl phthalate	22.268	149	4420842	30.104	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	4262770	29.421	ng/ul	98
91) Benzo(k)fluoranthene	23.109	252	4273082	29.626	ng/ul	99
93) Benzo(a)pyrene	23.698	252	4046205	30.367	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	5132652	33.314	ng/ul	96
95) Dibenzo(a,h)anthracene	26.468	278	4233035	33.561	ng/ul	97
96) Benzo(g,h,i)perylene	27.221	276	4203196	33.686	ng/ul	96

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

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