Quantitation Report (Qedit)

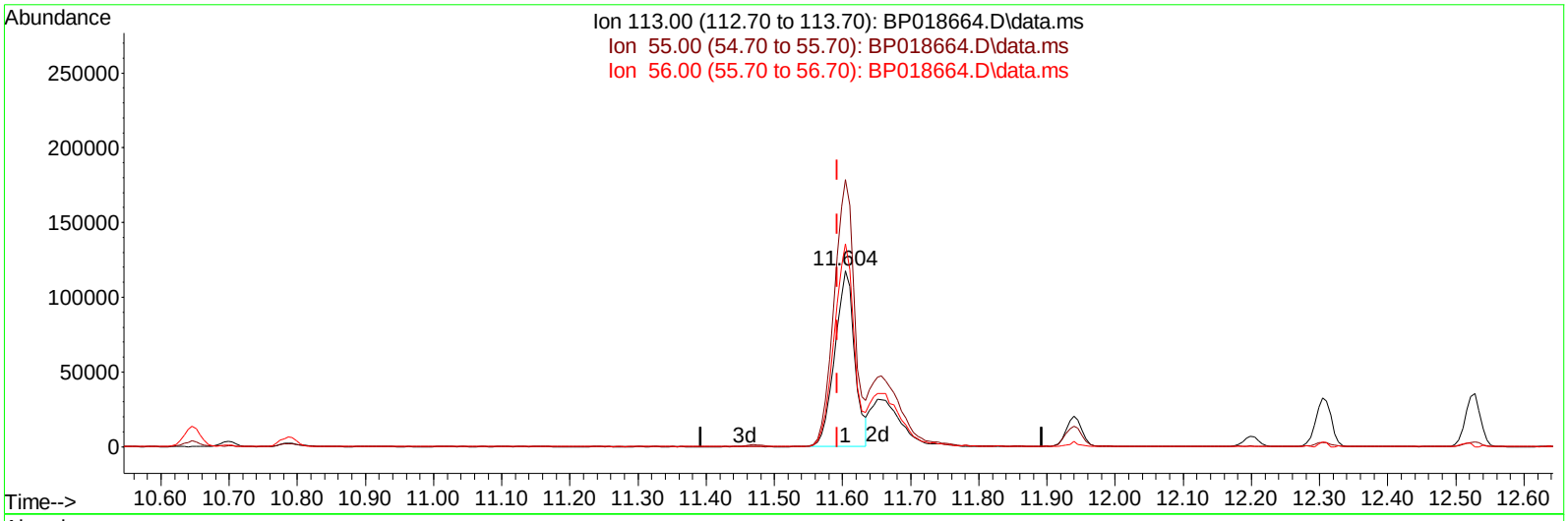
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018664.D
Acq On : 07 Dec 2023 07:03
Operator : MA/JU
Sample : PB157369BS
Misc :
ALS Vial : 101 Sample Multiplier: 1

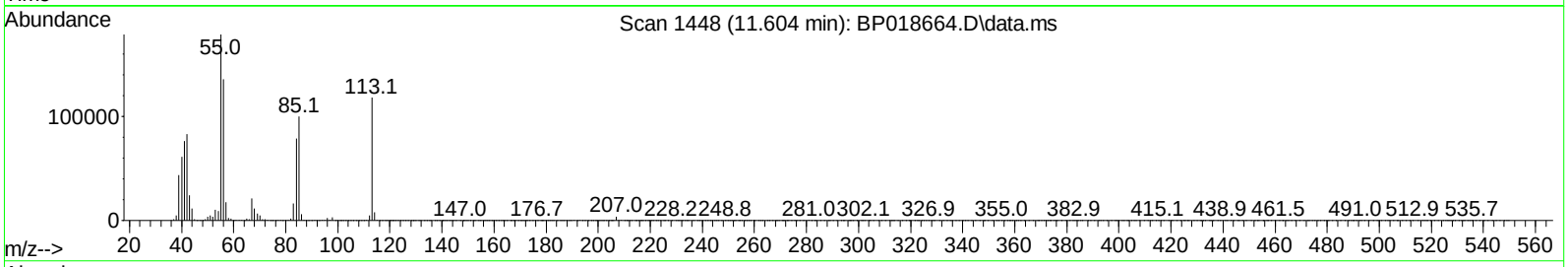
Quant Time: Dec 07 07:30:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

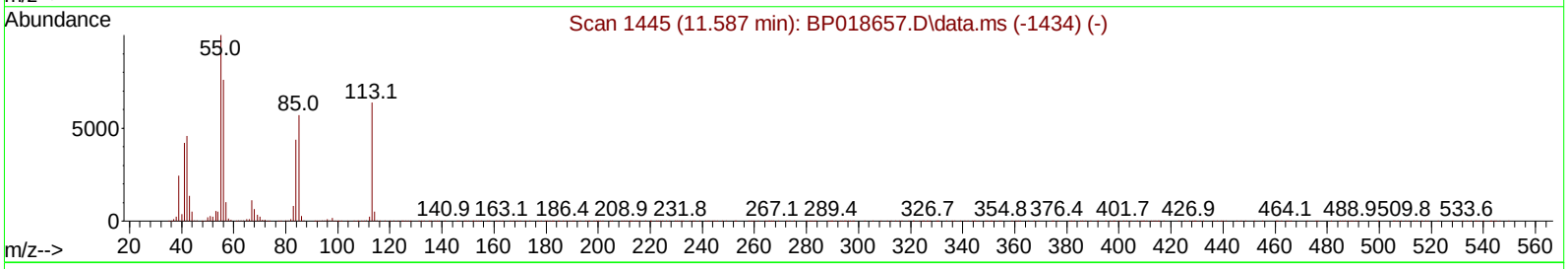
Instrument :
BNA_P
ClientSampleId :
SLCS369

Manual IntegrationsAPPROVED

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







TIC: BP018664.D\data.ms

(34) Caprolactam

11.604min (+ 0.012) 19.80 ng/ul

response 237839

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	151.55
56.00	121.80	115.26
0.00	0.00	0.00

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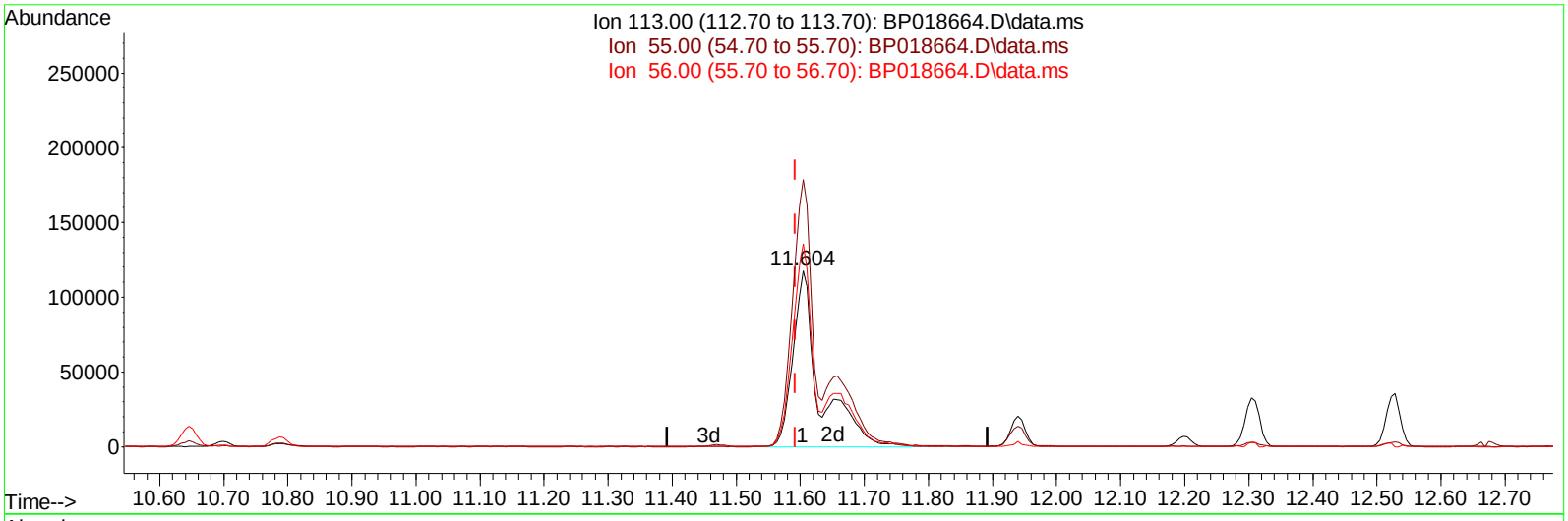

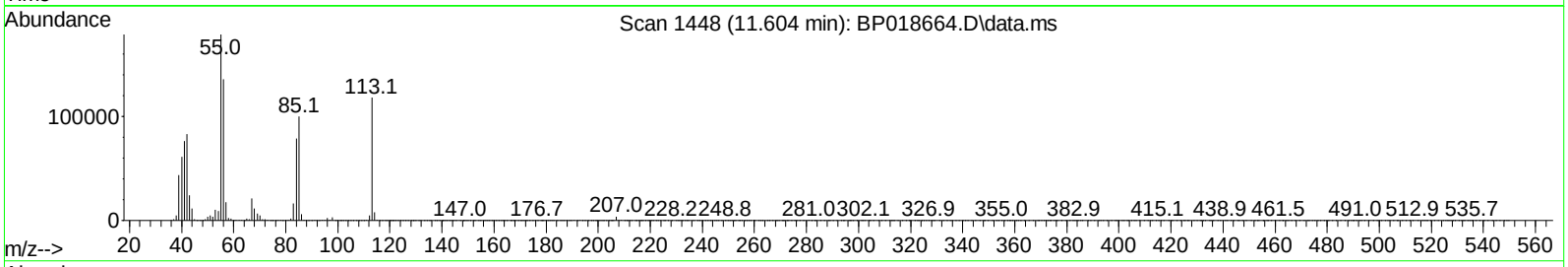

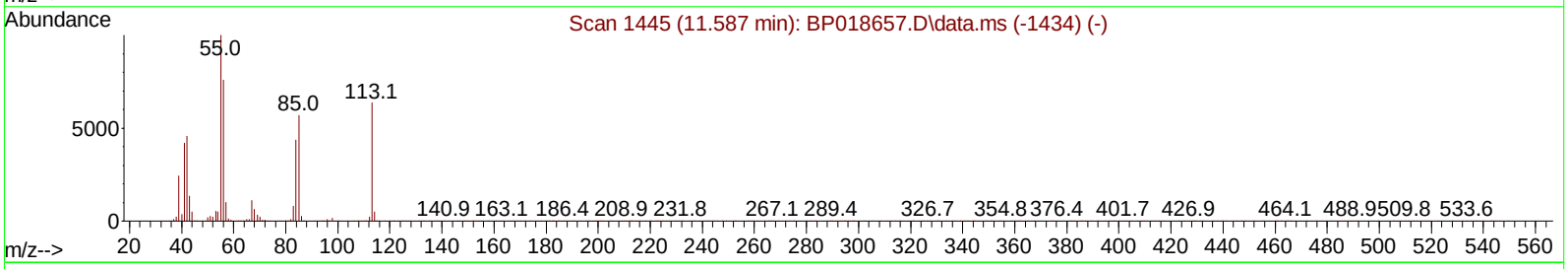

TIC: BP018664.D\data.ms

(34) Caprolactam

11.604min (+ 0.012) 28.14 ng/ul m

response 337972

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	151.55
56.00	121.80	115.26
0.00	0.00	0.00

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ALS Vial : 101 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	508318	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	2155224	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	1342214	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	2109759	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1872200	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	2144007	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	66643	4.468	ng/uL	0.00
4) Pyridine-d5	3.681	84	914333	22.884	ng/ul	0.00
7) Phenol-d5	7.022	99	1305303	25.588	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	728856	24.107	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	983705	24.714	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	1001871	24.268	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	493400	25.722	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	460245	23.142	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	1060559	26.080	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	1172035	22.053	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	3076134	25.679	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	3376921	25.600	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	473987	24.105	ng/ul	0.00
60) Fluorene-d10	15.475	176	2529465	25.155	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	447812	35.400	ng/ul	0.00
73) Anthracene-d10	17.328	188	2603701	23.475	ng/ul	0.00
81) Pyrene-d10	19.563	212	3568826	24.488	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	3175964	25.405	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	135390	8.277	ng/uL	98
5) Pyridine	3.699	79	948475	23.507	ng/ul	97
6) Benzaldehyde	6.993	77	671814	25.508	ng/ul	96
8) Phenol	7.052	94	1276781	25.523	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.281	93	997359	24.276	ng/ul	99
12) 2-Chlorophenol	7.410	128	977070	24.254	ng/ul	99
13) 2-Methylphenol	8.299	108	926594	24.194	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1196403	22.951	ng/ul	98
16) Acetophenone	8.675	105	1512713	24.587	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	751766	22.211	ng/ul	97
18) 4-Methylphenol	8.634	108	1021576	24.428	ng/ul	98
19) Hexachloroethane	8.928	117	392901	23.790	ng/ul	89
22) Nitrobenzene	9.057	77	1143654	24.522	ng/ul	97
23) Isophorone	9.587	82	1898124	19.961	ng/ul	98
25) 2-Nitrophenol	9.763	139	492308	23.120	ng/ul	98
26) 2,4-Dimethylphenol	9.828	107	538395	12.928	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.069	93	1414022	23.554	ng/ul	100
29) 2,4-Dichlorophenol	10.299	162	1003594	25.622	ng/ul	98
30) Naphthalene	10.699	128	3161951	24.184	ng/ul	100
32) 4-Chloroaniline	10.810	127	1108399	21.882	ng/ul	100
33) Hexachlorobutadiene	10.981	225	678806	25.876	ng/ul	98
34) Caprolactam	11.604	113	337972m	28.139	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	1074291	24.482	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.304	142	2221642	23.985	ng/ul	99
37) 1-Methylnaphthalene	12.528	142	2167107	23.168	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.675	216	1326804	27.246	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	460380	15.950	ng/ul	99
41) 2,4,6-Trichlorophenol	12.916	196	805519	25.713	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	883469	26.013	ng/ul	100
43) 1,1'-Biphenyl	13.316	154	2955387	25.459	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	2364212	25.787	ng/ul	99
45) 2-Nitroaniline	13.569	65	643962	25.909	ng/ul	95
47) Dimethylphthalate	13.945	163	3004272	25.477	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	622979	27.963	ng/ul	92
50) Acenaphthylene	14.204	152	3709210	25.010	ng/ul	100
51) 3-Nitroaniline	14.392	138	576263	25.912	ng/ul	99
52) Acenaphthene	14.545	153	2447502	24.959	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	287497	24.349	ng/ul	95
55) 4-Nitrophenol	14.704	109	359239	24.181	ng/ul	96
56) Dibenzofuran	14.881	168	3392259	24.890	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	849015	27.092	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.104	232	676240	23.738	ng/ul	96
59) Diethylphthalate	15.310	149	2910053	25.219	ng/ul	99
61) Fluorene	15.528	166	2654279	24.613	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.528	204	1446080	25.568	ng/ul	94
63) 4-Nitroaniline	15.557	138	546010	25.771	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	477899	35.335	ng/ul	94
67) N-Nitrosodiphenylamine	15.739	169	2291960	32.784	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	940760	35.321	ng/ul	95
69) Hexachlorobenzene	16.528	284	1055003	35.477	ng/ul	98
70) Atrazine	16.692	200	266743	12.834	ng/ul	100
71) Pentachlorophenol	16.875	266	524580	29.661	ng/ul	99
72) Phenanthrene	17.275	178	3191669	25.048	ng/ul	100
74) Anthracene	17.363	178	2950741	23.103	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.281	216	1346424	36.909	ng/uL	99
76) Pentachlorobenzene	14.798	250	1301295	36.315	ng/uL	98
77) Carbazole	17.633	167	2630083	25.837	ng/ul	99
78) Di-n-butylphthalate	18.192	149	3681143	27.158	ng/ul	99
80) Fluoranthene	19.239	202	4296962	24.944	ng/ul	97
82) Pyrene	19.592	202	4248781	24.449	ng/ul	96
83) Butylbenzylphthalate	20.469	149	1636014	25.715	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	1142064	25.102	ng/ul	99
85) Benzo(a)anthracene	21.298	228	3896921	25.644	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	2295582	26.252	ng/ul	100
87) Chrysene	21.351	228	3602202	25.741	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	3654941	23.348	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	3848104	24.343	ng/ul	98
91) Benzo(k)fluoranthene	23.016	252	3877366	25.350	ng/ul	99
93) Benzo(a)pyrene	23.586	252	3651690	25.281	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.162	276	4630639	26.832	ng/ul	98
95) Dibenzo(a,h)anthracene	26.174	278	3870468	26.960	ng/ul	98
96) Benzo(g,h,i)perylene	26.915	276	3789988	27.288	ng/ul	97

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

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