Quantitation Report (Qedit)

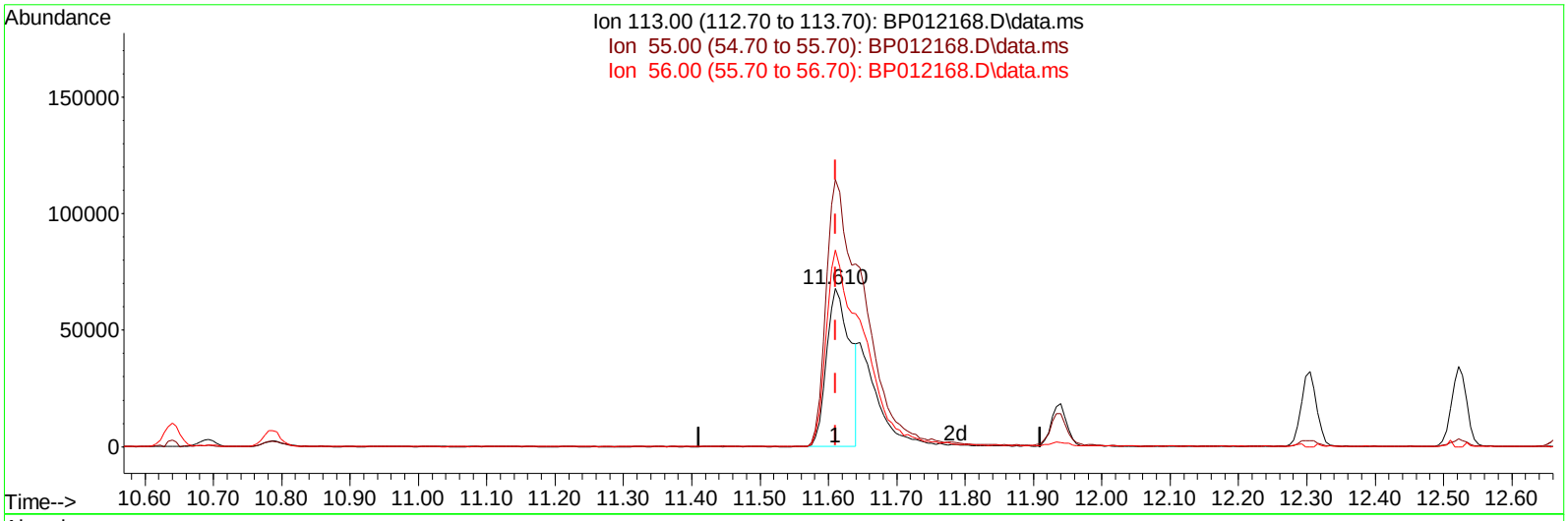
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101722\
Data File : BP012168.D
Acq On : 17 Oct 2022 16:37
Operator : CG/JU
Sample : SSTD04077
Misc :
ALS Vial : 5 Sample Multiplier: 1

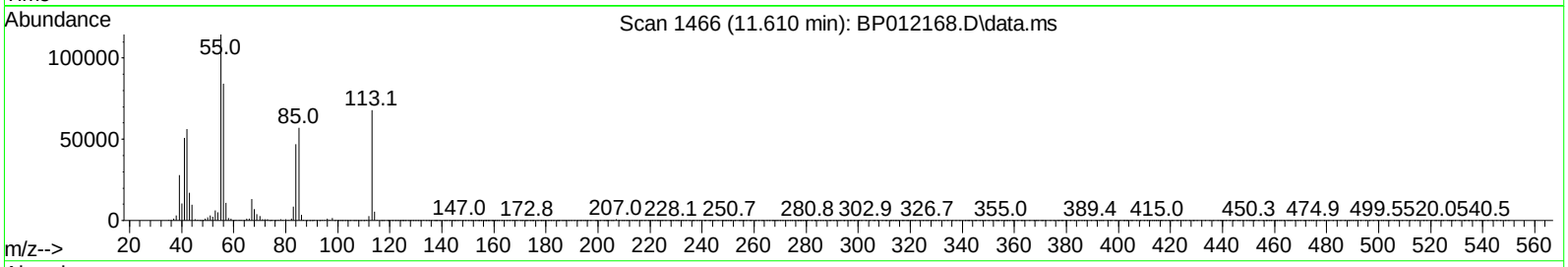
Quant Time: Oct 18 01:15:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101722.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 01:11:56 2022
Response via : Initial Calibration

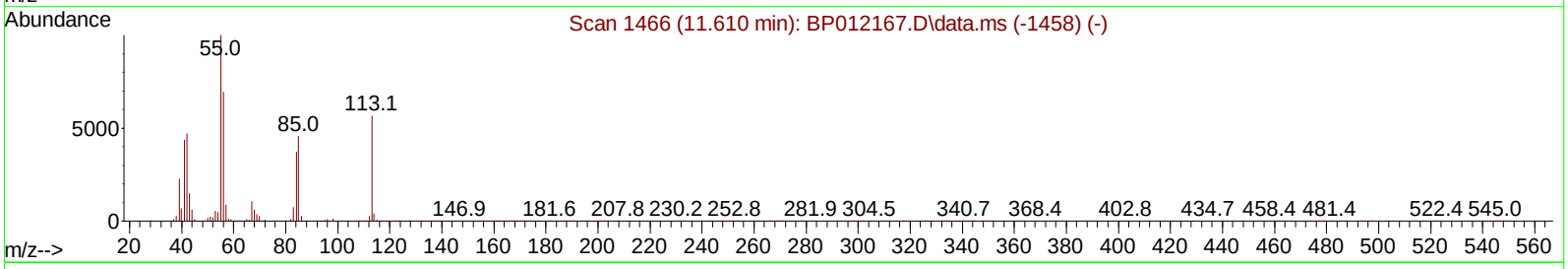
Instrument :
BNA_P
ClientSampleId :
SSTD040641

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022







TIC: BP012168.D\data.ms

(34) Caprolactam

11.610min (-0.000) 25.78 ng/ul

response 163048

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.40	168.88
56.00	122.90	124.53
0.00	0.00	0.00

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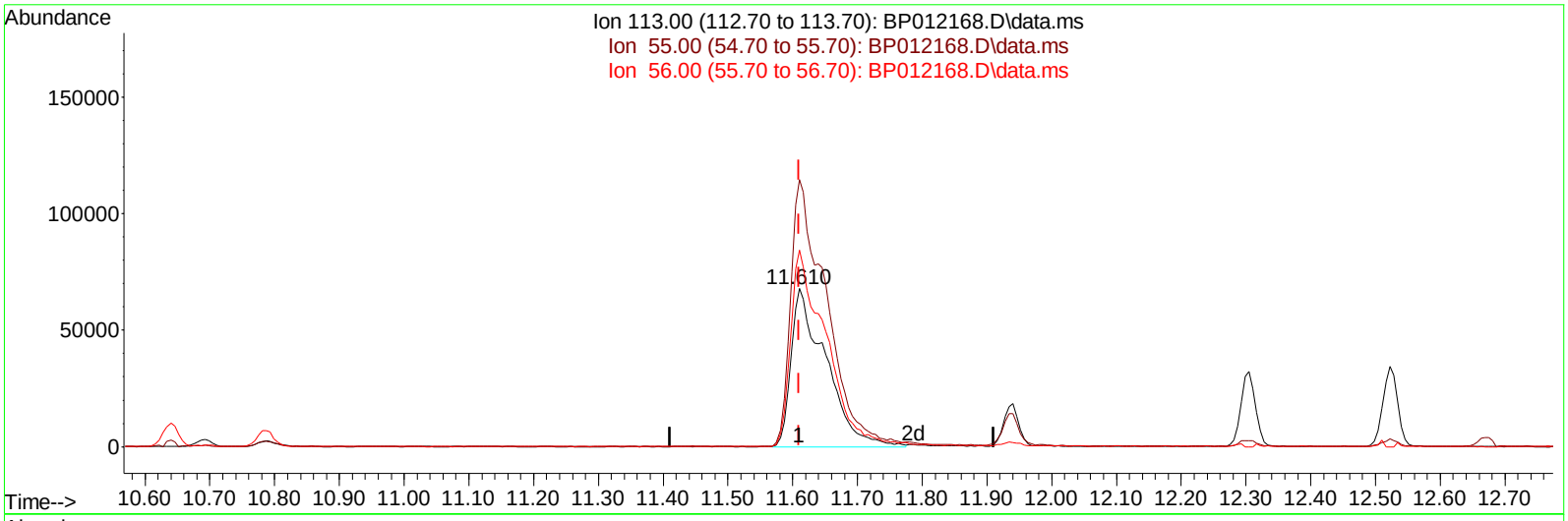

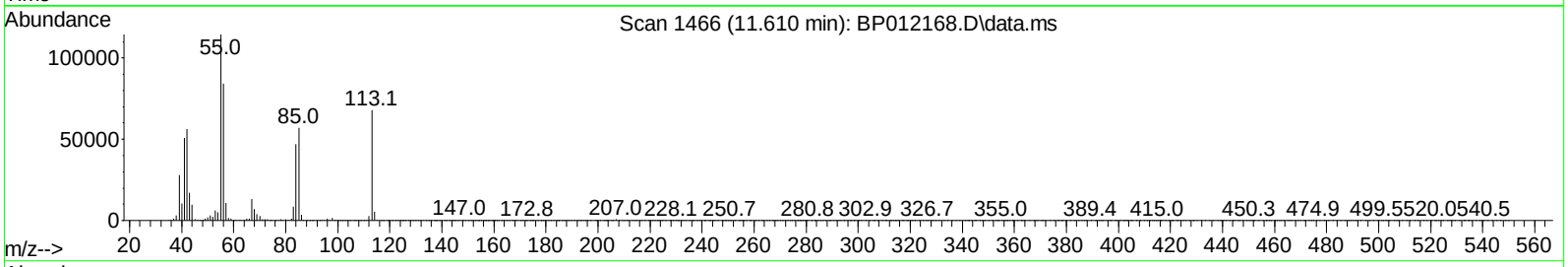

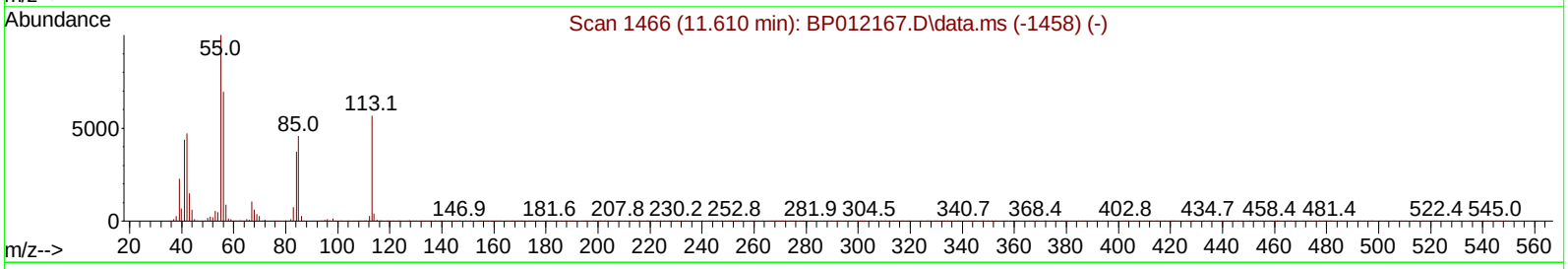

TIC: BP012168.D\data.ms

(34) Caprolactam

11.610min (-0.000) 40.19 ng/ul m

response 254238

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.40	168.88
56.00	122.90	124.53
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	365732	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	1578248	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.487	164	881054	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1561092	20.000	ng/ul	0.00
79) Chrysene-d12	21.339	240	1256895	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1252829	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	153166	16.512	ng/uL	0.00
4) Pyridine-d5	3.687	84	1079348	43.752	ng/ul	0.00
7) Phenol-d5	7.005	99	1321546	44.929	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	806441	48.301	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	1015903	43.511	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	1010451	44.724	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	496824	44.573	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	533972	47.245	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	980077	44.744	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	1336131	41.394	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	2348127	42.082	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	2966980	43.000	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	422543	38.573	ng/ul	0.00
60) Fluorene-d10	15.481	176	2053065	40.668	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	353715	42.911	ng/ul	0.00
73) Anthracene-d10	17.345	188	2861243	42.208	ng/ul	0.00
81) Pyrene-d10	19.580	212	2907615	45.155	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.592	264	2660935	43.691	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	162805	16.678	ng/uL	100
5) Pyridine	3.705	79	1089108	46.077	ng/ul	98
6) Benzaldehyde	6.981	77	703158	50.951	ng/ul	98
8) Phenol	7.034	94	1377787	44.618	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.263	93	1120805	46.003	ng/ul	98
12) 2-Chlorophenol	7.399	128	1087574	42.920	ng/ul	99
13) 2-Methylphenol	8.287	108	1042270	45.254	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.369	45	1500077	60.069	ng/ul	99
16) Acetophenone	8.669	105	1603667	46.040	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.657	70	783536	49.389	ng/ul	100
18) 4-Methylphenol	8.616	108	1125190	45.326	ng/ul	100
19) Hexachloroethane	8.910	117	423420	43.288	ng/ul	93
22) Nitrobenzene	9.046	77	1213243	47.482	ng/ul	98
23) Isophorone	9.581	82	2205116	48.654	ng/ul	99
25) 2-Nitrophenol	9.757	139	607504	45.751	ng/ul	97
26) 2,4-Dimethylphenol	9.822	107	1156695	44.728	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.057	93	1448282	46.566	ng/ul	99
29) 2,4-Dichlorophenol	10.293	162	997689	43.342	ng/ul	99
30) Naphthalene	10.693	128	3449228	41.357	ng/ul	100
32) 4-Chloroaniline	10.810	127	1390106	41.771	ng/ul	99
33) Hexachlorobutadiene	10.969	225	629911	44.130	ng/ul	99
34) Caprolactam	11.610	113	254238m	40.193	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	1014572	46.524	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.304	142	2275295	42.368	ng/ul	100
37) 1-Methylnaphthalene	12.522	142	2253870	41.908	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.669	216	1163770	43.211	ng/ul	99
40) Hexachlorocyclopentadiene	12.645	237	601817	46.005	ng/ul	98
41) 2,4,6-Trichlorophenol	12.916	196	745542	45.955	ng/ul	98
42) 2,4,5-Trichlorophenol	12.987	196	794823	45.079	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	2781912	41.825	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	2237607	42.128	ng/ul	99
45) 2-Nitroaniline	13.575	65	564918	49.858	ng/ul	97
47) Dimethylphthalate	13.945	163	2463159	41.899	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	490099	47.087	ng/ul	93
50) Acenaphthylene	14.210	152	3275344	41.952	ng/ul	100
51) 3-Nitroaniline	14.404	138	506933	41.827	ng/ul	91
52) Acenaphthene	14.551	153	2267267	40.794	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	275330	40.947	ng/ul	98
55) 4-Nitrophenol	14.710	109	310937	41.056	ng/ul	94
56) Dibenzofuran	14.887	168	3028474	40.318	ng/ul	98
57) 2,4-Dinitrotoluene	14.863	165	662335	44.277	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.116	232	618164	44.981	ng/ul	97
59) Diethylphthalate	15.316	149	2310324	42.911	ng/ul	100
61) Fluorene	15.539	166	2361037	40.043	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.534	204	1156436	40.543	ng/ul	99
63) 4-Nitroaniline	15.569	138	443993	40.120	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.628	198	383849	43.074	ng/ul#	95
67) N-Nitrosodiphenylamine	15.751	169	1978906	42.827	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	706993	46.541	ng/ul	99
69) Hexachlorobenzene	16.545	284	815553	46.255	ng/ul	96
70) Atrazine	16.710	200	614061	43.217	ng/ul	99
71) Pentachlorophenol	16.892	266	469231	45.424	ng/ul	98
72) Phenanthrene	17.286	178	3490350	41.113	ng/ul	100
74) Anthracene	17.381	178	3492930	41.576	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	1151899	45.663	ng/uL	98
76) Pentachlorobenzene	14.804	250	1132963	45.731	ng/uL	98
77) Carbazole	17.657	167	3041813	40.595	ng/ul	99
78) Di-n-butylphthalate	18.204	149	3459708	46.527	ng/ul	99
80) Fluoranthene	19.257	202	3647981	46.235	ng/ul	100
82) Pyrene	19.610	202	3730879	44.681	ng/ul	99
83) Butylbenzylphthalate	20.486	149	1365844	51.601	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.257	252	1182233	42.685	ng/ul	99
85) Benzo(a)anthracene	21.321	228	3386830	42.809	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	1854775	51.979	ng/ul	96
87) Chrysene	21.374	228	3172516	41.659	ng/ul	99
89) Di-n-octyl phthalate	22.169	149	3096902	49.375	ng/ul	100
90) Benzo(b)fluoranthene	23.010	252	3372001	42.521	ng/ul	99
91) Benzo(k)fluoranthene	23.063	252	3409437	43.709	ng/ul	99
93) Benzo(a)pyrene	23.639	252	3038362	42.945	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.257	276	3889767	43.481	ng/ul	98
95) Dibenzo(a,h)anthracene	26.274	278	3493647	43.532	ng/ul	99
96) Benzo(g,h,i)perylene	27.027	276	3508845	43.503	ng/ul	100

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

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