Quantitation Report (Qedit)

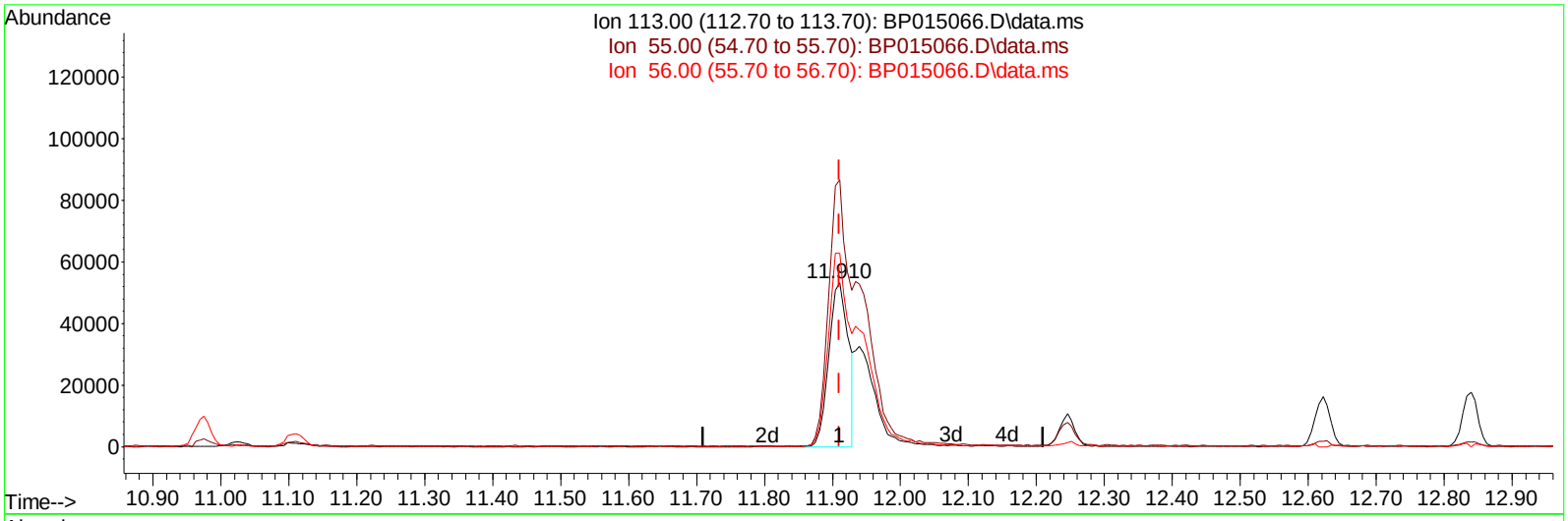
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051123\
Data File : BP015066.D
Acq On : 11 May 2023 16:43
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

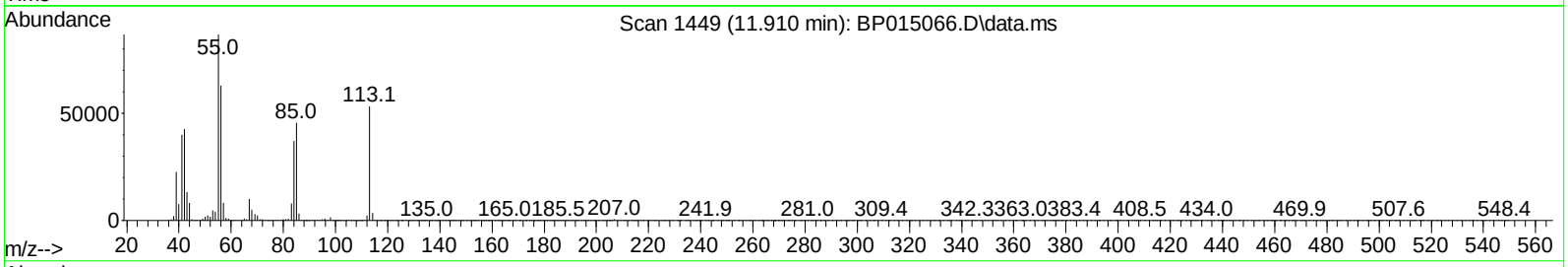
Quant Time: May 11 23:06:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 11 23:06:15 2023
Response via : Initial Calibration

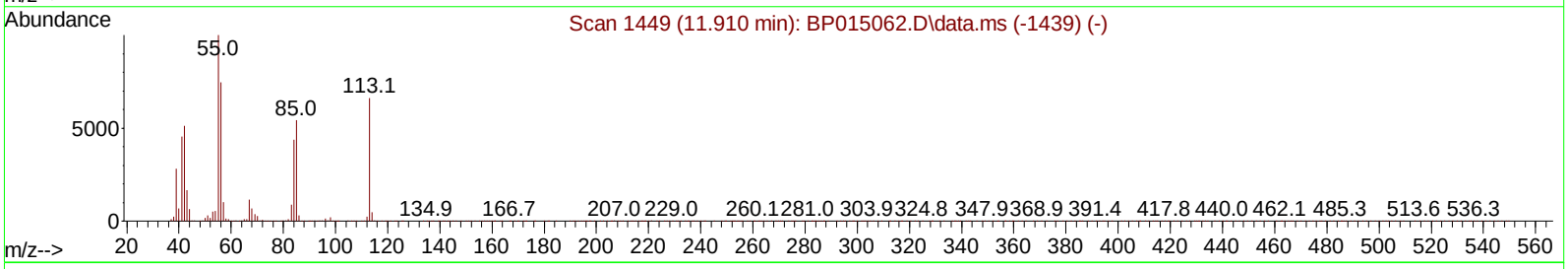
Instrument :
BNA_P
ClientSampleId :
SICV617

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023







TIC: BP015066.D\data.ms

(34) Caprolactam

11.910min (0.000) 12.84 ng/ul

response 106191

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	163.04
56.00	112.80	118.20
0.00	0.00	0.00

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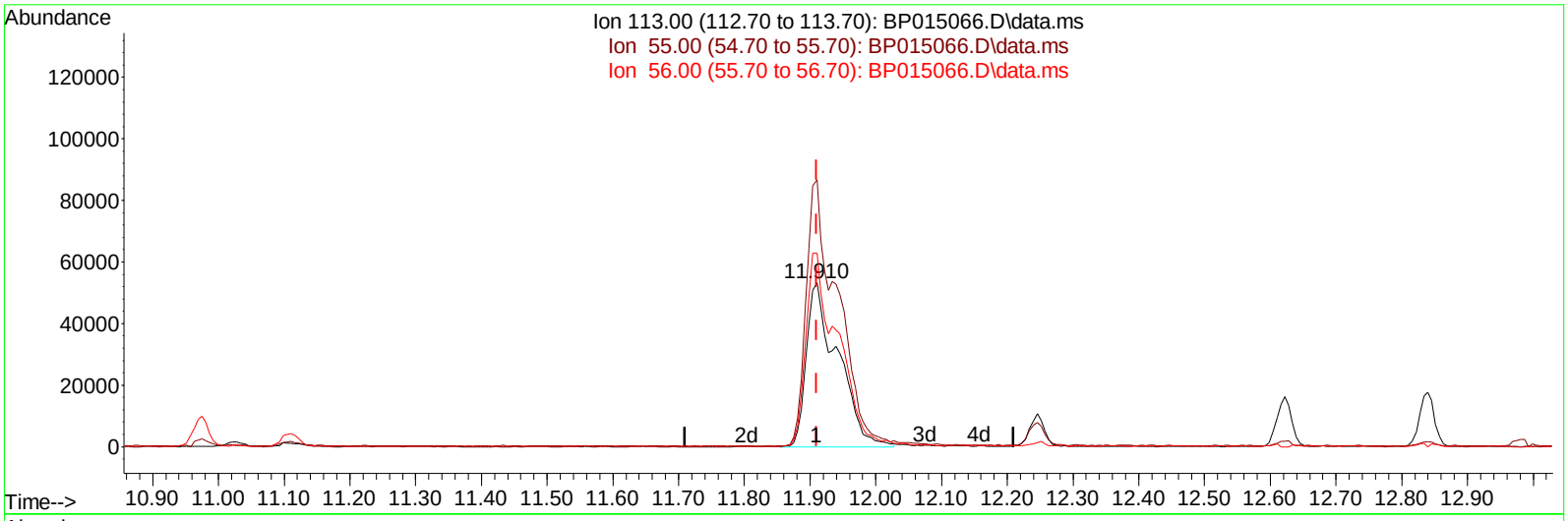

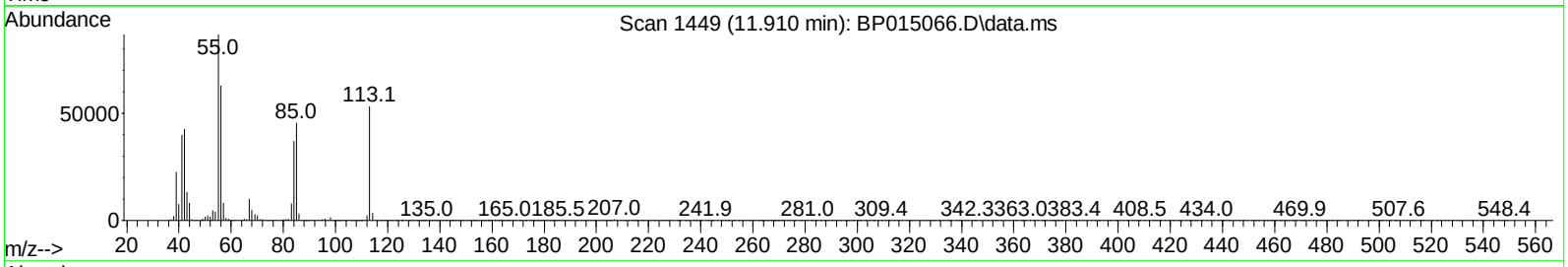

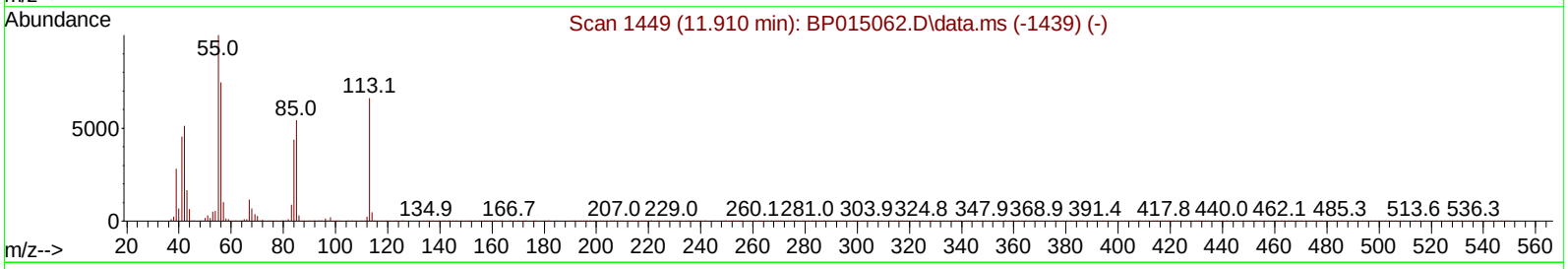

TIC: BP015066.D\data.ms

(34) Caprolactam

11.910min (0.000) 21.21 ng/ul m

response 175460

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	163.04
56.00	112.80	118.20
0.00	0.00	0.00

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Misc :
ALS Vial : 9 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	304218	20.000	ng/ul	0.00
20) Naphthalene-d8	10.975	136	1376668	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.781	164	879697	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	1896998	20.000	ng/ul	0.00
79) Chrysene-d12	21.616	240	1717964	20.000	ng/ul	0.00
88) Perylene-d12	24.192	264	1989380	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	66617	8.508	ng/uL	0.00
4) Pyridine-d5	3.881	84	479381	21.599	ng/ul	0.00
7) Phenol-d5	7.293	99	591880	20.955	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.458	67	354608	21.737	ng/ul	0.00
11) 2-Chlorophenol-d4	7.663	132	447822	21.563	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	483978	21.503	ng/ul	0.00
21) Nitrobenzene-d5	9.316	128	235564	21.776	ng/ul	0.00
24) 2-Nitrophenol-d4	10.046	143	260240	21.620	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	472038	21.733	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	725500	22.576	ng/ul	0.00
46) Dimethylphthalate-d6	14.187	166	1459273	21.952	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	1673971	22.018	ng/ul	0.00
54) 4-Nitrophenol-d4	14.975	143	275929	21.377	ng/ul	0.00
60) Fluorene-d10	15.775	176	1231339	21.952	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	253066	21.168	ng/ul	0.00
73) Anthracene-d10	17.633	188	1926761	22.181	ng/ul	0.00
81) Pyrene-d10	19.857	212	2123357	21.311	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	2080033	21.063	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	70612	8.393	ng/uL	96
5) Pyridine	3.899	79	491729	21.303	ng/ul	99
6) Benzaldehyde	7.269	77	157637	20.304	ng/ul	98
8) Phenol	7.316	94	615434	21.248	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.552	93	506757	21.868	ng/ul	99
12) 2-Chlorophenol	7.699	128	475209	21.633	ng/ul	100
13) 2-Methylphenol	8.587	108	480190	21.451	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.675	45	644391	22.195	ng/ul	99
16) Acetophenone	8.975	105	802135	22.835	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.957	70	410691	22.292	ng/ul	98
18) 4-Methylphenol	8.916	108	540004	21.917	ng/ul	98
19) Hexachloroethane	9.234	117	193388	21.561	ng/ul	95
22) Nitrobenzene	9.363	77	584377	21.872	ng/ul	100
23) Isophorone	9.893	82	1194631	21.753	ng/ul	99
25) 2-Nitrophenol	10.081	139	291494	22.084	ng/ul	99
26) 2,4-Dimethylphenol	10.134	107	582084	22.099	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.369	93	733542	21.953	ng/ul	98
29) 2,4-Dichlorophenol	10.616	162	476353	21.712	ng/ul	99
30) Naphthalene	11.028	128	1649360	22.037	ng/ul	99
32) 4-Chloroaniline	11.134	127	755252	22.866	ng/ul	99
33) Hexachlorobutadiene	11.304	225	283604	21.448	ng/ul	98
34) Caprolactam	11.910	113	175460m	21.212	ng/ul	
35) 4-Chloro-3-methylphenol	12.246	107	542516	21.900	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.622	142	1110163	22.014	ng/ul	99
37) 1-Methylnaphthalene	12.840	142	1122525	22.166	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.987	216	573859	21.812	ng/ul	99
40) Hexachlorocyclopentadiene	12.963	237	345432	20.264	ng/ul	100
41) 2,4,6-Trichlorophenol	13.222	196	393880	21.201	ng/ul	97
42) 2,4,5-Trichlorophenol	13.293	196	431156	21.404	ng/ul	98
43) 1,1'-Biphenyl	13.616	154	1513601	22.176	ng/ul	98
44) 2-Chloronaphthalene	13.663	162	1177699	22.095	ng/ul	99
45) 2-Nitroaniline	13.863	65	343458	22.520	ng/ul	93
47) Dimethylphthalate	14.234	163	1504852	21.737	ng/ul	100
48) 2,6-Dinitrotoluene	14.357	165	303417	22.122	ng/ul	98
50) Acenaphthylene	14.504	152	1881650	22.181	ng/ul	99
51) 3-Nitroaniline	14.687	138	240325	19.459	ng/ul	99
52) Acenaphthene	14.845	153	1276279	22.028	ng/ul	99
53) 2,4-Dinitrophenol	14.892	184	175999	19.327	ng/ul	94
55) 4-Nitrophenol	14.987	109	210901	22.214	ng/ul	99
56) Dibenzofuran	15.181	168	1765671	21.910	ng/ul	99
57) 2,4-Dinitrotoluene	15.145	165	442331	22.287	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.404	232	366104	21.535	ng/ul	99
59) Diethylphthalate	15.592	149	1513599	21.921	ng/ul	100
61) Fluorene	15.828	166	1434363	22.148	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.816	204	688199	21.749	ng/ul	96
63) 4-Nitroaniline	15.845	138	210904	19.775	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.910	198	268800	21.786	ng/ul	96
67) N-Nitrosodiphenylamine	16.034	169	1240870	22.246	ng/ul	100
68) 4-Bromophenyl-phenylether	16.716	248	417955	21.390	ng/ul	99
69) Hexachlorobenzene	16.839	284	500692	21.684	ng/ul	98
70) Atrazine	16.981	200	456300	22.132	ng/ul	99
71) Pentachlorophenol	17.181	266	301436	20.870	ng/ul	99
72) Phenanthrene	17.581	178	2286772	22.137	ng/ul	100
74) Anthracene	17.669	178	2327546	22.282	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.587	216	587109	21.828	ng/uL	99
76) Pentachlorobenzene	15.098	250	592164	21.927	ng/uL	99
77) Carbazole	17.933	167	2116585	23.108	ng/ul	100
78) Di-n-butylphthalate	18.469	149	2594842	21.998	ng/ul	100
80) Fluoranthene	19.527	202	2619777	21.572	ng/ul	98
82) Pyrene	19.880	202	2751130	21.937	ng/ul	99
83) Butylbenzylphthalate	20.733	149	1188595	21.378	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.522	252	851850	22.577	ng/ul	100
85) Benzo(a)anthracene	21.598	228	2594902	21.845	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.498	149	1708230	21.341	ng/ul	100
87) Chrysene	21.657	228	2483977	21.875	ng/ul	98
89) Di-n-octyl phthalate	22.474	149	2954685	21.686	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	2670867	21.178	ng/ul	100
91) Benzo(k)fluoranthene	23.451	252	2646365	21.853	ng/ul	99
93) Benzo(a)pyrene	24.074	252	2375978	21.314	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.927	276	2919742	20.229	ng/ul	100
95) Dibenzo(a,h)anthracene	26.945	278	2413794	20.372	ng/ul	99
96) Benzo(g,h,i)perylene	27.768	276	2341172	19.891	ng/ul	99

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

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