Quantitation Report (Qedit)

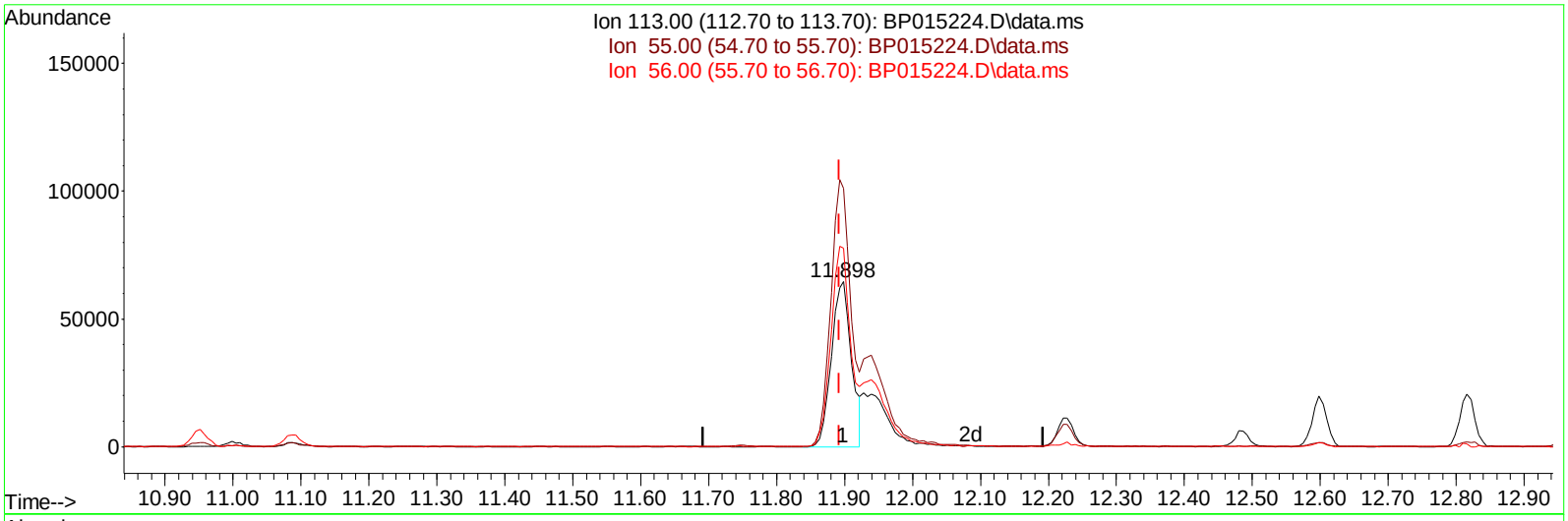
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
Data File : BP015224.D
Acq On : 22 May 2023 20:05
Operator : CG/JU
Sample : PB152889BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

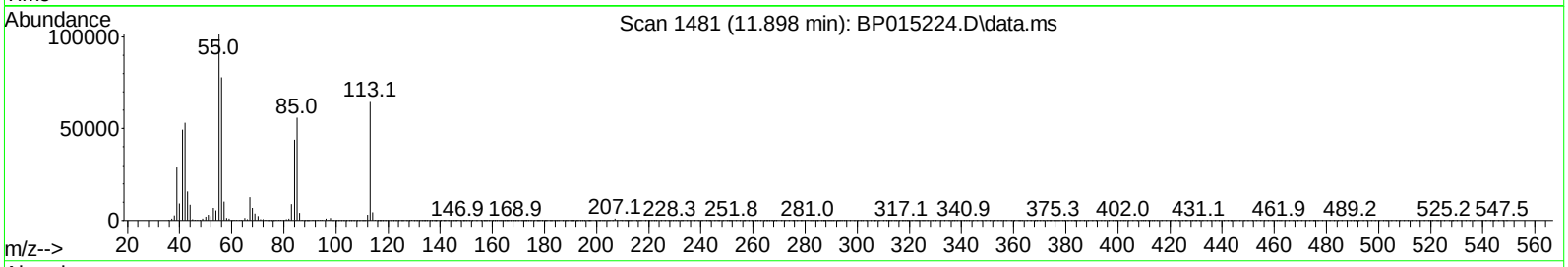
Quant Time: May 23 00:46:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 01:07:51 2023
Response via : Initial Calibration

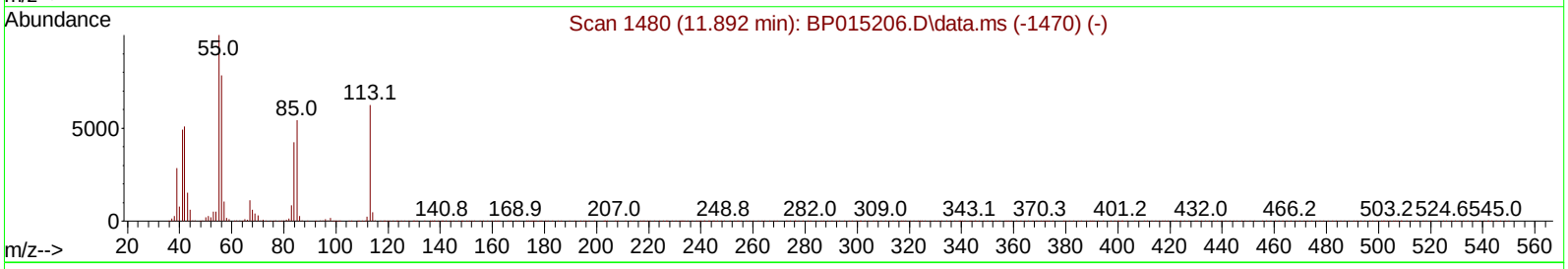
Instrument :
BNA_P
ClientSampleId :
SLCS889

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023







TIC: BP015224.D\data.ms

(34) Caprolactam

11.898min (+ 0.006) 22.36 ng/ul

response 131734

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	156.78
56.00	112.80	120.46
0.00	0.00	0.00

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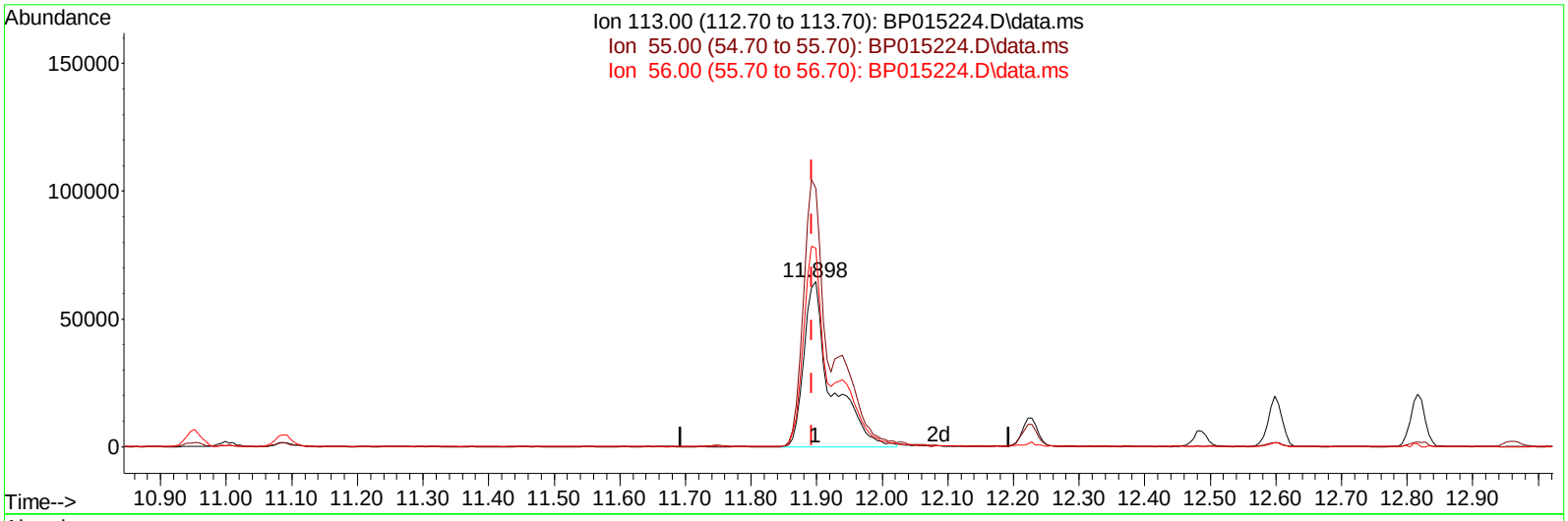

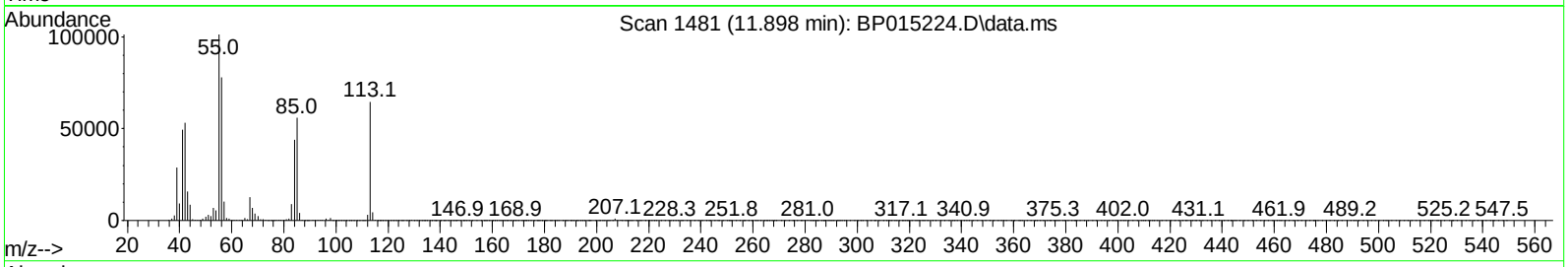

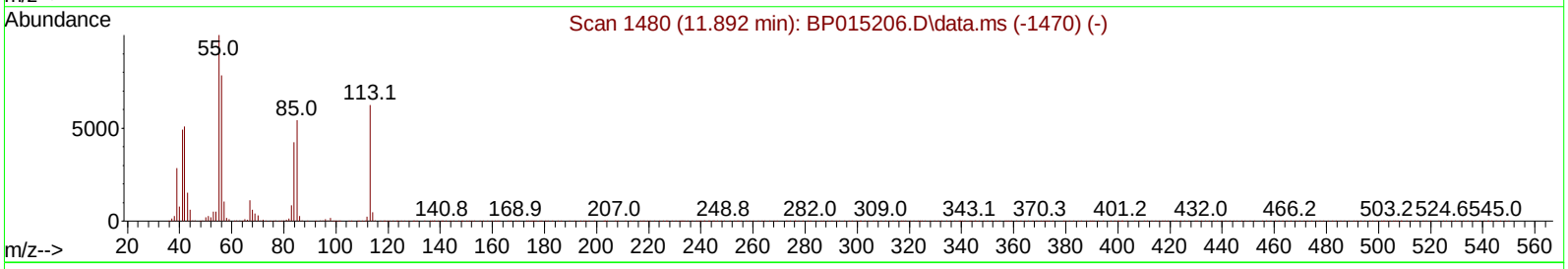

TIC: BP015224.D\data.ms

(34) Caprolactam

11.898min (+ 0.006) 31.74 ng/ul m

response 186951

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	156.78
56.00	112.80	120.46
0.00	0.00	0.00

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Operator : CG/JU
Sample : PB152889BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 23 00:55:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 01:07:51 2023
Response via : Initial Calibration

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	223235	20.000	ng/ul	0.00
20) Naphthalene-d8	10.951	136	980338	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	613539	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	1326730	20.000	ng/ul	-0.01
79) Chrysene-d12	21.586	240	897171	20.000	ng/ul	-0.01
88) Perylene-d12	24.139	264	909379	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	36695	6.387	ng/uL	0.00
4) Pyridine-d5	3.863	84	493852	30.324	ng/ul	0.00
7) Phenol-d5	7.275	99	676153	32.622	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	408304	34.108	ng/ul	0.00
11) 2-Chlorophenol-d4	7.646	132	545237	35.778	ng/ul	0.00
15) 4-Methylphenol-d8	8.840	113	562598	34.064	ng/ul	0.00
21) Nitrobenzene-d5	9.298	128	273118	35.454	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	312850	36.499	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	560888	36.263	ng/ul	0.00
31) 4-Chloroaniline-d4	11.087	131	724750	31.670	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	1718616	37.069	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	1912923	36.076	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	300043	33.328	ng/ul	0.00
60) Fluorene-d10	15.751	176	1414910	36.167	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	276273	33.042	ng/ul	0.00
73) Anthracene-d10	17.610	188	2107608	34.692	ng/ul	0.00
81) Pyrene-d10	19.827	212	2222804	42.718	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.974	264	1719638	38.094	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	74697	12.099	ng/uL	93
5) Pyridine	3.887	79	461188	27.228	ng/ul	95
6) Benzaldehyde	7.251	77	331764	58.235	ng/ul	99
8) Phenol	7.298	94	699778	32.925	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.540	93	560223	32.946	ng/ul	99
12) 2-Chlorophenol	7.681	128	543862	33.740	ng/ul	98
13) 2-Methylphenol	8.569	108	539327	32.833	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.657	45	710163	33.334	ng/ul	99
16) Acetophenone	8.957	105	844853	32.775	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.945	70	432856	32.019	ng/ul	97
18) 4-Methylphenol	8.898	108	588616	32.556	ng/ul	98
19) Hexachloroethane	9.216	117	217816	33.094	ng/ul	90
22) Nitrobenzene	9.340	77	658942	34.634	ng/ul	98
23) Isophorone	9.875	82	1274186	32.582	ng/ul	99
25) 2-Nitrophenol	10.057	139	328082	34.905	ng/ul	93
26) 2,4-Dimethylphenol	10.110	107	608560	32.445	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.351	93	785480	33.011	ng/ul	99
29) 2,4-Dichlorophenol	10.592	162	550290	35.222	ng/ul	98
30) Naphthalene	11.004	128	1747763	32.793	ng/ul	99
32) 4-Chloroaniline	11.110	127	582246	24.755	ng/ul	100
33) Hexachlorobutadiene	11.281	225	344540	36.590	ng/ul	98
34) Caprolactam	11.898	113	186951m	31.739	ng/ul	
35) 4-Chloro-3-methylphenol	12.228	107	620536	35.176	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.598	142	1203798	33.522	ng/ul	99
37)	1-Methylnaphthalene	12.816	142	1234600	34.235	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.963	216	670243	36.526	ng/ul	99
40)	Hexachlorocyclopentadiene	12.939	237	297204	24.998	ng/ul	98
41)	2,4,6-Trichlorophenol	13.198	196	446136	34.431	ng/ul	98
42)	2,4,5-Trichlorophenol	13.275	196	503619	35.847	ng/ul	99
43)	1,1'-Biphenyl	13.598	154	1640328	34.459	ng/ul	98
44)	2-Chloronaphthalene	13.645	162	1292948	34.780	ng/ul	99
45)	2-Nitroaniline	13.845	65	399362	37.545	ng/ul	92
47)	Dimethylphthalate	14.210	163	1671549	34.619	ng/ul	100
48)	2,6-Dinitrotoluene	14.339	165	360848	37.723	ng/ul	97
50)	Acenaphthylene	14.486	152	1992807	33.683	ng/ul	99
51)	3-Nitroaniline	14.669	138	342201	39.728	ng/ul	99
52)	Acenaphthene	14.822	153	1365688	33.797	ng/ul	100
53)	2,4-Dinitrophenol	14.875	184	185012	29.130	ng/ul	96
55)	4-Nitrophenol	14.969	109	238587	36.032	ng/ul	90
56)	Dibenzofuran	15.157	168	1926053	34.268	ng/ul	98
57)	2,4-Dinitrotoluene	15.122	165	507929	36.695	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.380	232	398240	33.588	ng/ul	99
59)	Diethylphthalate	15.569	149	1697273	35.244	ng/ul	100
61)	Fluorene	15.810	166	1526467	33.796	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.792	204	775408	35.135	ng/ul	96
63)	4-Nitroaniline	15.833	138	338298	45.481	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.886	198	268878	31.159	ng/ul	100
67)	N-Nitrosodiphenylamine	16.010	169	1338102	34.300	ng/ul	100
68)	4-Bromophenyl-phenylether	16.692	248	504975	36.953	ng/ul	98
69)	Hexachlorobenzene	16.816	284	583413	36.127	ng/ul	98
70)	Atrazine	16.963	200	272959	18.930	ng/ul	98
71)	Pentachlorophenol	17.157	266	305074	30.201	ng/ul	99
72)	Phenanthrene	17.557	178	2469627	34.184	ng/ul	99
74)	Anthracene	17.645	178	2420841	33.137	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.563	216	683623	36.342	ng/uL	100
76)	Pentachlorobenzene	15.075	250	664740	35.194	ng/uL	99
77)	Carbazole	17.910	167	2159130	33.704	ng/ul	100
78)	Di-n-butylphthalate	18.445	149	2934922	35.576	ng/ul	100
80)	Fluoranthene	19.504	202	2678019	42.226	ng/ul	99
82)	Pyrene	19.857	202	2662073	40.646	ng/ul	98
83)	Butylbenzylphthalate	20.710	149	1205975	41.536	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.492	252	736464	37.376	ng/ul	99
85)	Benzo(a)anthracene	21.568	228	2217449	35.745	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.468	149	1770406	42.353	ng/ul	100
87)	Chrysene	21.627	228	2084359	35.149	ng/ul	97
89)	Di-n-octyl phthalate	22.439	149	2716839	43.622	ng/ul	100
90)	Benzo(b)fluoranthene	23.356	252	2102710	36.474	ng/ul	99
91)	Benzo(k)fluoranthene	23.404	252	2042961	36.905	ng/ul	99
93)	Benzo(a)pyrene	24.027	252	1807472	35.471	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.850	276	2324226	35.227	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.868	278	1915241	35.362	ng/ul	99
96)	Benzo(g,h,i)perylene	27.686	276	1922259	35.728	ng/ul	98

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

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