Quantitation Report (Qedit)

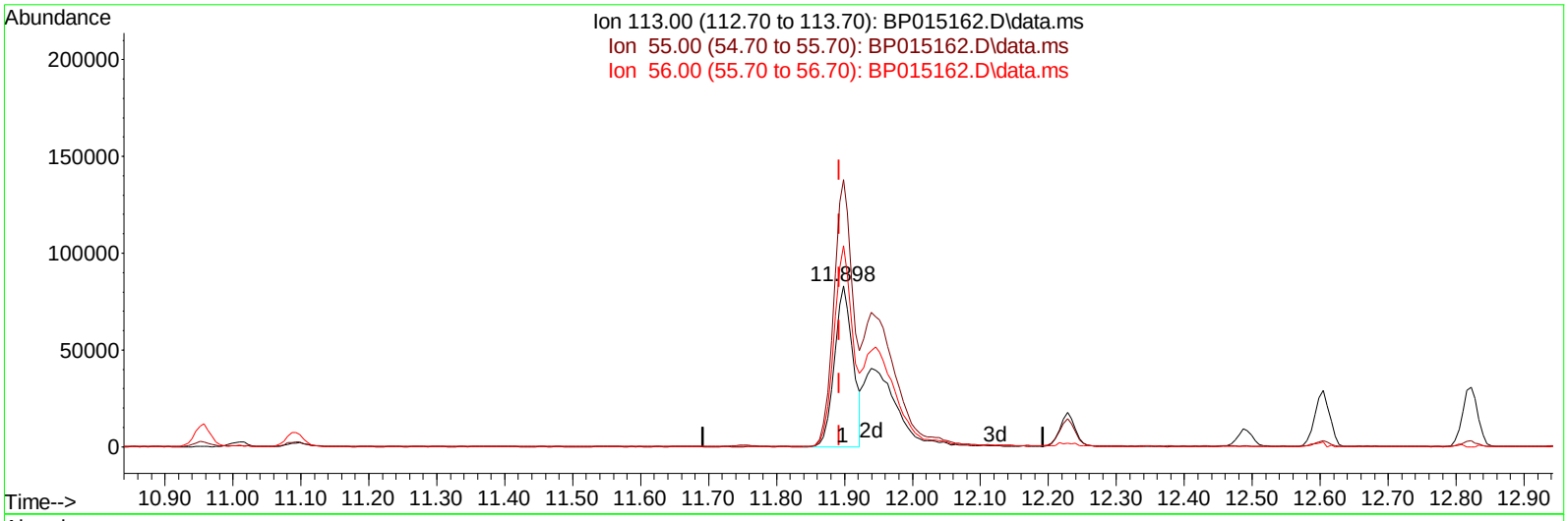
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015162.D
Acq On : 19 May 2023 00:29
Operator : CG/JU
Sample : PB152776BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

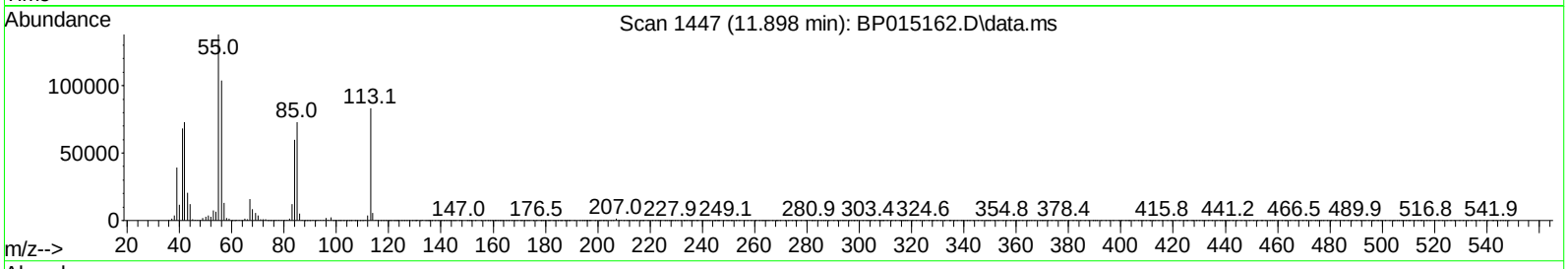
Quant Time: May 19 01:43:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 01:07:51 2023
Response via : Initial Calibration

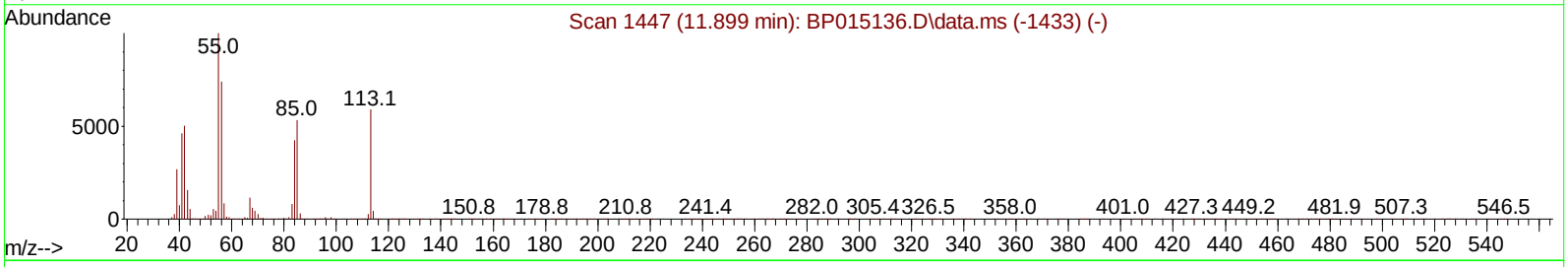
Instrument :
BNA_P
ClientSampleId :
SLCS776

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023







TIC: BP015162.D\data.ms

(34) Caprolactam

11.898min (+ 0.006) 16.38 ng/ul

response 156808

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	165.88
56.00	112.80	124.98
0.00	0.00	0.00

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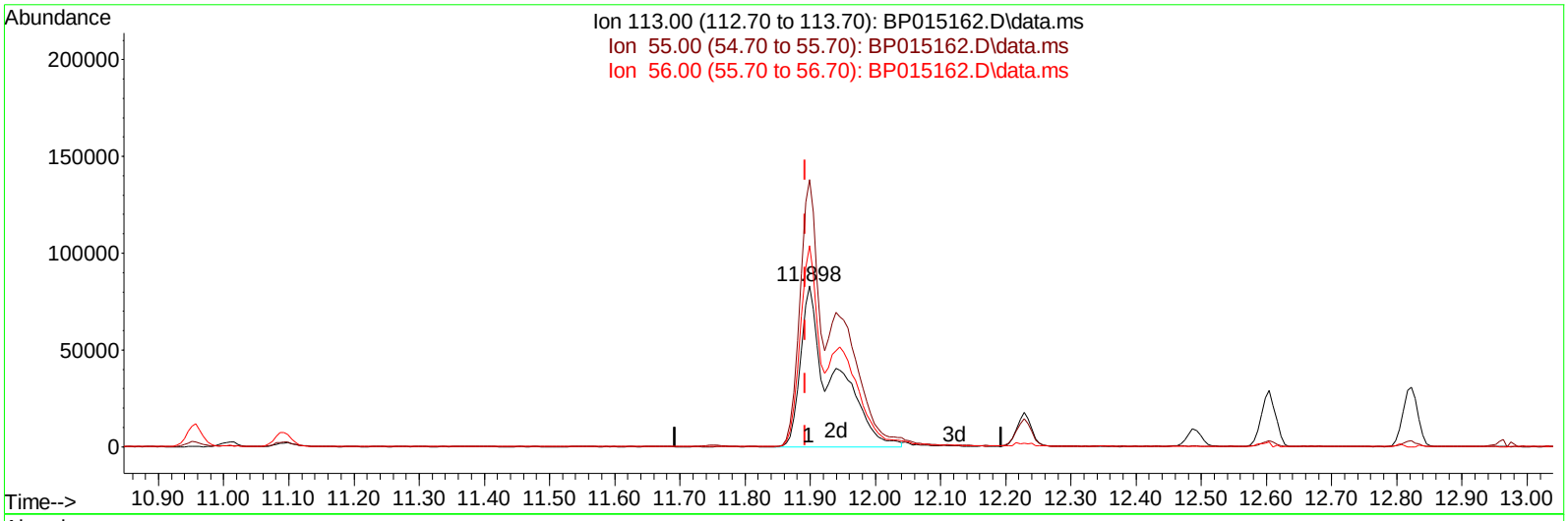

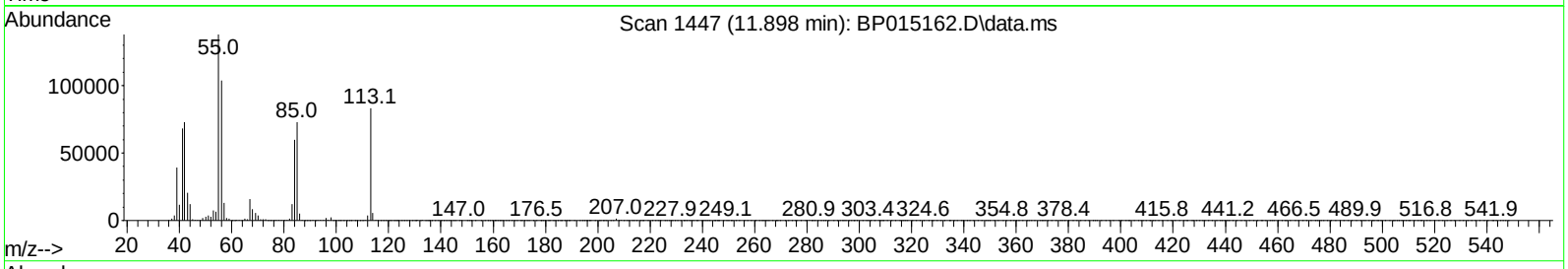

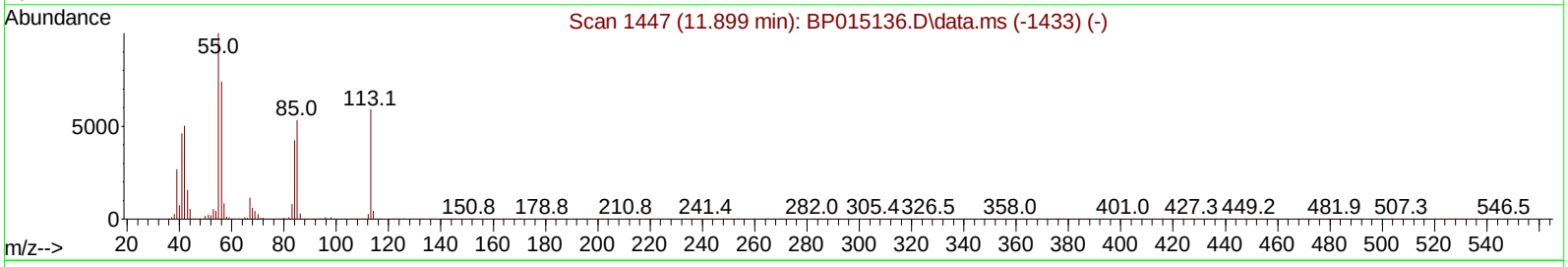

TIC: BP015162.D\data.ms

(34) Caprolactam

11.898min (+ 0.006) 30.27 ng/ul m

response 289757

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	165.88
56.00	112.80	124.98
0.00	0.00	0.00

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	357894	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	1593364	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	982806	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	2136466	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1886860	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1963681	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	54129	5.876	ng/uL	0.00
4) Pyridine-d5	3.869	84	799623	30.625	ng/ul	0.00
7) Phenol-d5	7.275	99	1015888	30.572	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	623397	32.483	ng/ul	0.00
11) 2-Chlorophenol-d4	7.652	132	793302	32.469	ng/ul	0.00
15) 4-Methylphenol-d8	8.840	113	900206	33.997	ng/ul	0.00
21) Nitrobenzene-d5	9.304	128	429326	34.290	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	475646	34.142	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	853230	33.940	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	1165868	31.345	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	2628746	35.396	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	3005740	35.387	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	538391	37.334	ng/ul	0.00
60) Fluorene-d10	15.757	176	2214297	35.334	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	467076	34.690	ng/ul	0.00
73) Anthracene-d10	17.616	188	3365822	34.405	ng/ul	0.00
81) Pyrene-d10	19.833	212	3932946	35.939	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	3613027	37.065	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	109395	11.052	ng/uL	97
5) Pyridine	3.887	79	760959	28.023	ng/ul	95
6) Benzaldehyde	7.258	77	497157	54.432	ng/ul	98
8) Phenol	7.305	94	1018461	29.889	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.540	93	822403	30.167	ng/ul	99
12) 2-Chlorophenol	7.687	128	776021	30.029	ng/ul	98
13) 2-Methylphenol	8.569	108	832413	31.608	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.663	45	1146748	33.575	ng/ul	99
16) Acetophenone	8.963	105	1365130	33.033	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.946	70	704647	32.512	ng/ul	97
18) 4-Methylphenol	8.904	108	937664	32.349	ng/ul	100
19) Hexachloroethane	9.216	117	327811	31.066	ng/ul	96
22) Nitrobenzene	9.346	77	1027552	33.229	ng/ul	99
23) Isophorone	9.875	82	2039788	32.092	ng/ul	99
25) 2-Nitrophenol	10.063	139	486422	31.840	ng/ul	96
26) 2,4-Dimethylphenol	10.116	107	880776	28.892	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.357	93	1245781	32.213	ng/ul	98
29) 2,4-Dichlorophenol	10.599	162	813470	32.035	ng/ul	99
30) Naphthalene	11.004	128	2755308	31.807	ng/ul	100
32) 4-Chloroaniline	11.116	127	921457	24.104	ng/ul	99
33) Hexachlorobutadiene	11.287	225	456130	29.804	ng/ul	98
34) Caprolactam	11.898	113	289757m	30.266	ng/ul	
35) 4-Chloro-3-methylphenol	12.228	107	951679	33.192	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.604	142	1840083	31.526	ng/ul	99
37)	1-Methylnaphthalene	12.822	142	1904944	32.500	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.969	216	937427	31.892	ng/ul	99
40)	Hexachlorocyclopentadiene	12.945	237	462469	24.284	ng/ul	100
41)	2,4,6-Trichlorophenol	13.204	196	628449	30.278	ng/ul	97
42)	2,4,5-Trichlorophenol	13.275	196	708235	31.471	ng/ul	98
43)	1,1'-Biphenyl	13.604	154	2497678	32.755	ng/ul	98
44)	2-Chloronaphthalene	13.645	162	1949623	32.739	ng/ul	100
45)	2-Nitroaniline	13.851	65	621222	36.459	ng/ul	94
47)	Dimethylphthalate	14.216	163	2514869	32.515	ng/ul	99
48)	2,6-Dinitrotoluene	14.339	165	517486	33.772	ng/ul	99
50)	Acenaphthylene	14.492	152	3094090	32.647	ng/ul	100
51)	3-Nitroaniline	14.669	138	537520	38.957	ng/ul	95
52)	Acenaphthene	14.828	153	2134594	32.977	ng/ul	100
53)	2,4-Dinitrophenol	14.875	184	306967	30.172	ng/ul	92
55)	4-Nitrophenol	14.975	109	375339	35.387	ng/ul	99
56)	Dibenzofuran	15.163	168	2958021	32.855	ng/ul	100
57)	2,4-Dinitrotoluene	15.128	165	752898	33.956	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.387	232	573637	30.203	ng/ul	100
59)	Diethylphthalate	15.575	149	2531803	32.820	ng/ul	99
61)	Fluorene	15.810	166	2381630	32.917	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.798	204	1138922	32.217	ng/ul	98
63)	4-Nitroaniline	15.834	138	587182	49.280	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.892	198	446499	32.132	ng/ul	98
67)	N-Nitrosodiphenylamine	16.016	169	2042281	32.510	ng/ul	99
68)	4-Bromophenyl-phenylether	16.698	248	707753	32.162	ng/ul	99
69)	Hexachlorobenzene	16.816	284	835038	32.110	ng/ul	98
70)	Atrazine	16.963	200	436874	18.815	ng/ul	99
71)	Pentachlorophenol	17.163	266	487306	29.957	ng/ul	99
72)	Phenanthrene	17.557	178	3850846	33.100	ng/ul	99
74)	Anthracene	17.651	178	3832966	32.581	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.569	216	950904	31.392	ng/uL	99
76)	Pentachlorobenzene	15.081	250	937674	30.829	ng/uL	99
77)	Carbazole	17.916	167	3568235	34.590	ng/ul	100
78)	Di-n-butylphthalate	18.445	149	4329137	32.587	ng/ul	99
80)	Fluoranthene	19.510	202	4435030	33.250	ng/ul	99
82)	Pyrene	19.863	202	4596363	33.370	ng/ul	98
83)	Butylbenzylphthalate	20.716	149	1959349	32.087	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.498	252	1456299	35.142	ng/ul	100
85)	Benzo(a)anthracene	21.574	228	4308184	33.021	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.474	149	2828196	32.171	ng/ul	100
87)	Chrysene	21.633	228	4129874	33.114	ng/ul	99
89)	Di-n-octyl phthalate	22.445	149	4873503	36.238	ng/ul	100
90)	Benzo(b)fluoranthene	23.363	252	4298436	34.529	ng/ul	98
91)	Benzo(k)fluoranthene	23.415	252	4290080	35.890	ng/ul	100
93)	Benzo(a)pyrene	24.039	252	3721426	33.821	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.862	276	4350853	30.538	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.880	278	3642945	31.149	ng/ul	99
96)	Benzo(g,h,i)perylene	27.698	276	3426942	29.497	ng/ul	99

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

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