Quantitation Report (Qedit)

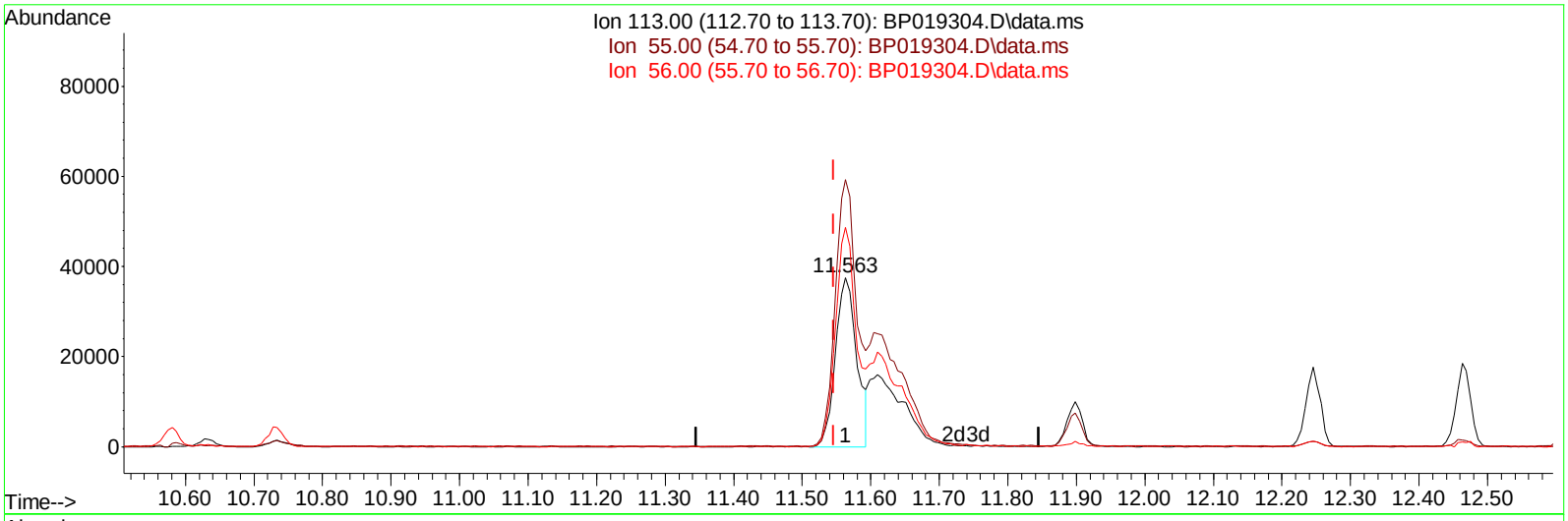
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010824\
Data File : BP019304.D
Acq On : 08 Jan 2024 20:08
Operator : MA/JU
Sample : SSTD04079
Misc :
ALS Vial : 5 Sample Multiplier: 1

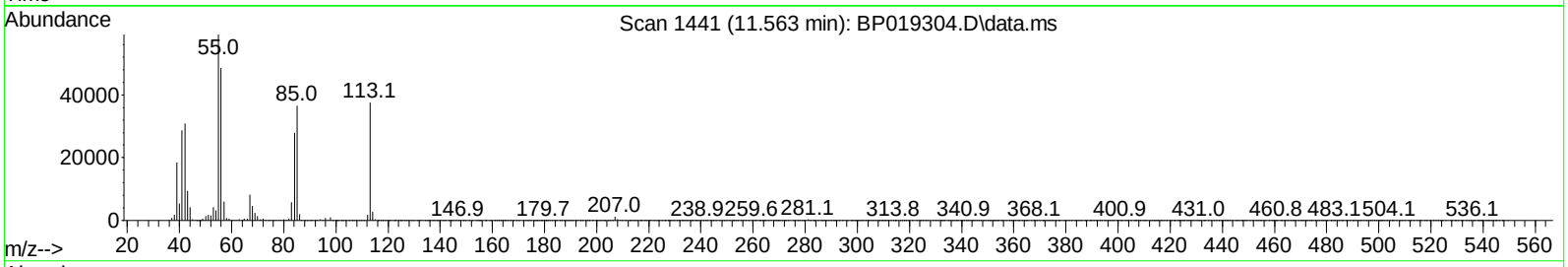
Quant Time: Jan 09 01:57:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 01:51:15 2024
Response via : Initial Calibration

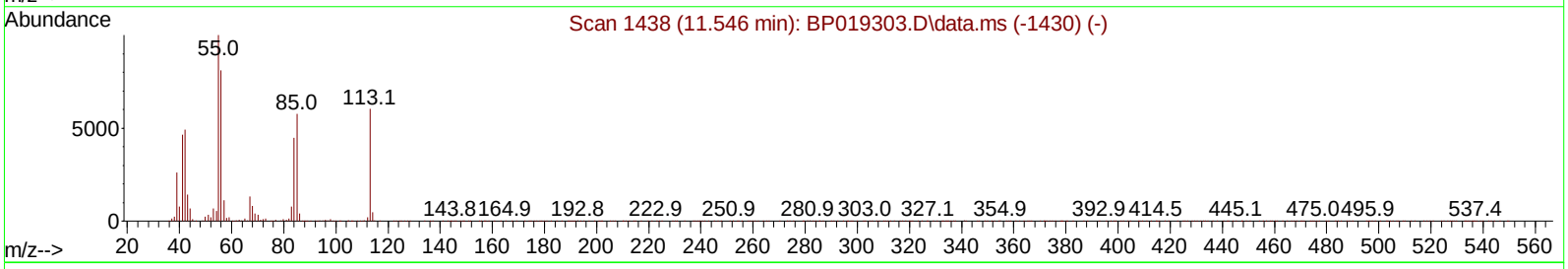
Instrument :
BNA_P
ClientSampleId :
SSTD040647

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/10/2024







TIC: BP019304.D\data.ms

(34) Caprolactam

11.563min (+ 0.018) 31.18 ng/ul

response 81524

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.60	157.75
56.00	135.00	129.55
0.00	0.00	0.00

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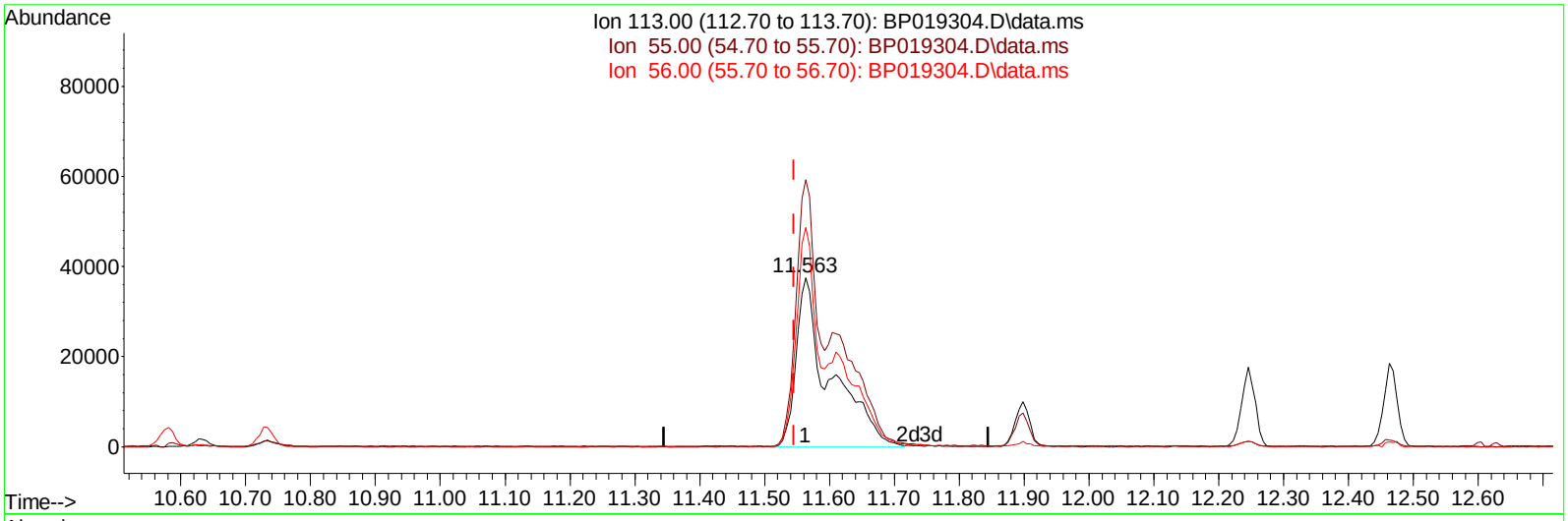

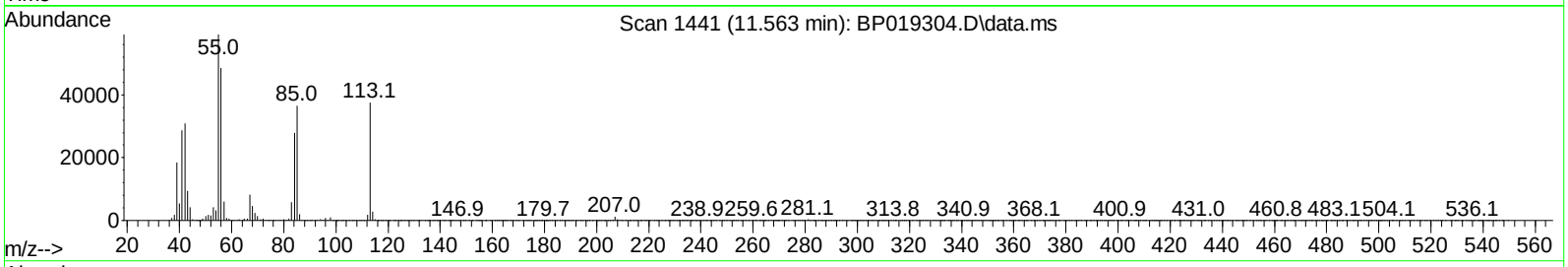

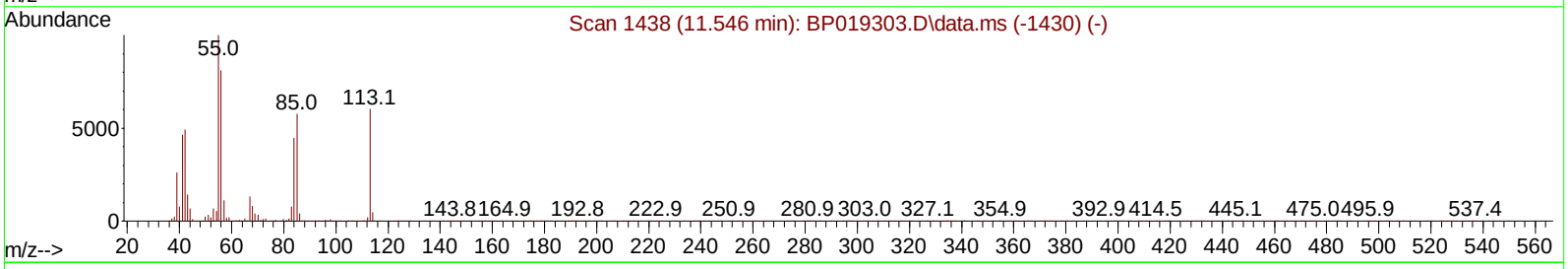

TIC: BP019304.D\data.ms

(34) Caprolactam

11.563min (+ 0.018) 52.33 ng/ul m

response 136816

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.60	157.75
56.00	135.00	129.55
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTD04079
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 02:52:11 2024
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Quant Title : SVOA CALIBRATION
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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	131259	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	536902	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.428	164	377343	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	868124	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	790130	20.000	ng/ul	0.00
88) Perylene-d12	23.639	264	722648	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	58739	15.284	ng/uL	0.00
4) Pyridine-d5	3.640	84	420234	43.564	ng/ul	0.00
7) Phenol-d5	6.975	99	521193	44.278	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	313103	45.979	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	372212	39.223	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	418022	45.615	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	193949	41.788	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	229780	45.810	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	455522	44.973	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	553199	44.403	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1394245	41.832	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	1494017	41.311	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	211484	37.576	ng/ul	0.00
60) Fluorene-d10	15.428	176	1109817	38.543	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	262918	46.198	ng/ul	0.00
73) Anthracene-d10	17.286	188	1813383	39.999	ng/ul	0.00
81) Pyrene-d10	19.527	212	2181078	45.294	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.492	264	1684599	40.556	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	60787	14.385	ng/uL	96
5) Pyridine	3.658	79	420059	42.900	ng/ul	96
6) Benzaldehyde	6.934	77	239856	43.887	ng/ul	96
8) Phenol	7.005	94	527384	45.361	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.222	93	423939	45.066	ng/ul	100
12) 2-Chlorophenol	7.352	128	382168	39.348	ng/ul	99
13) 2-Methylphenol	8.246	108	397830	46.255	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.310	45	501518	45.193	ng/ul	100
16) Acetophenone	8.616	105	667136	48.606	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.604	70	353799	51.694	ng/ul	99
18) 4-Methylphenol	8.581	108	425358	45.946	ng/ul	100
19) Hexachloroethane	8.851	117	168882	41.455	ng/ul	99
22) Nitrobenzene	8.999	77	535558	47.232	ng/ul	96
23) Isophorone	9.528	82	1037576	50.745	ng/ul	99
25) 2-Nitrophenol	9.704	139	237728	44.389	ng/ul	99
26) 2,4-Dimethylphenol	9.775	107	498142	52.834	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.004	93	588905	43.576	ng/ul	99
29) 2,4-Dichlorophenol	10.240	162	431318	43.577	ng/ul	99
30) Naphthalene	10.634	128	1256395	38.813	ng/ul	99
32) 4-Chloroaniline	10.757	127	539109	45.096	ng/ul	99
33) Hexachlorobutadiene	10.904	225	358980	47.126	ng/ul	99
34) Caprolactam	11.563	113	136816m	52.331	ng/ul	
35) 4-Chloro-3-methylphenol	11.898	107	490659	50.499	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	917042	42.018	ng/ul	100
37) 1-Methylnaphthalene	12.463	142	898686	40.833	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	675322	43.454	ng/ul	98
40) Hexachlorocyclopentadiene	12.587	237	415968	48.221	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	429461	46.305	ng/ul	98
42) 2,4,5-Trichlorophenol	12.945	196	463894	47.119	ng/ul	99
43) 1,1'-Biphenyl	13.263	154	1287643	39.118	ng/ul	99
44) 2-Chloronaphthalene	13.304	162	1043700	39.515	ng/ul	99
45) 2-Nitroaniline	13.528	65	322669	50.888	ng/ul	93
47) Dimethylphthalate	13.898	163	1388806	42.212	ng/ul	100
48) 2,6-Dinitrotoluene	14.028	165	292817	48.434	ng/ul	95
50) Acenaphthylene	14.151	152	1621185	39.843	ng/ul	99
51) 3-Nitroaniline	14.357	138	239026	40.442	ng/ul	98
52) Acenaphthene	14.492	153	1075038	38.983	ng/ul	98
53) 2,4-Dinitrophenol	14.569	184	179715	46.141	ng/ul	93
55) 4-Nitrophenol	14.686	109	227067	50.482	ng/ul	96
56) Dibenzofuran	14.834	168	1491582	37.875	ng/ul	97
57) 2,4-Dinitrotoluene	14.816	165	397800	44.741	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.063	232	406805	47.294	ng/ul	98
59) Diethylphthalate	15.263	149	1284414	40.264	ng/ul	100
61) Fluorene	15.481	166	1228413	38.971	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.475	204	728739	42.334	ng/ul	99
63) 4-Nitroaniline	15.528	138	189377	31.847	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.581	198	277081	45.983	ng/ul	97
67) N-Nitrosodiphenylamine	15.698	169	1046039	39.480	ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	490140	45.425	ng/ul	99
69) Hexachlorobenzene	16.486	284	564608	42.818	ng/ul	97
70) Atrazine	16.663	200	459692	61.479	ng/ul	98
71) Pentachlorophenol	16.839	266	341778	44.146	ng/ul	99
72) Phenanthrene	17.227	178	2032589	38.635	ng/ul	100
74) Anthracene	17.322	178	2051668	39.173	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.228	216	661780	43.843	ng/uL	98
76) Pentachlorobenzene	14.745	250	628918	41.930	ng/uL	99
77) Carbazole	17.604	167	1722457	39.537	ng/ul	99
78) Di-n-butylphthalate	18.151	149	2153607	39.859	ng/ul	99
80) Fluoranthene	19.204	202	2591725	46.903	ng/ul	100
82) Pyrene	19.557	202	2586992	44.686	ng/ul	100
83) Butylbenzylphthalate	20.439	149	935826	45.253	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.210	252	735593	37.216	ng/ul	99
85) Benzo(a)anthracene	21.274	228	2542944	40.734	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	1327748	43.603	ng/ul	99
87) Chrysene	21.327	228	2338472	40.171	ng/ul	99
89) Di-n-octyl phthalate	22.104	149	2131554	51.581	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	2222233	43.780	ng/ul	99
91) Benzo(k)fluoranthene	22.974	252	2101763	42.138	ng/ul	99
93) Benzo(a)pyrene	23.539	252	1961053	41.047	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.086	276	2219411	36.239	ng/ul	99
95) Dibenzo(a,h)anthracene	26.104	278	1833194	35.981	ng/ul	100
96) Benzo(g,h,i)perylene	26.839	276	1765553	35.973	ng/ul	99

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

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