Quantitation Report (Qedit)

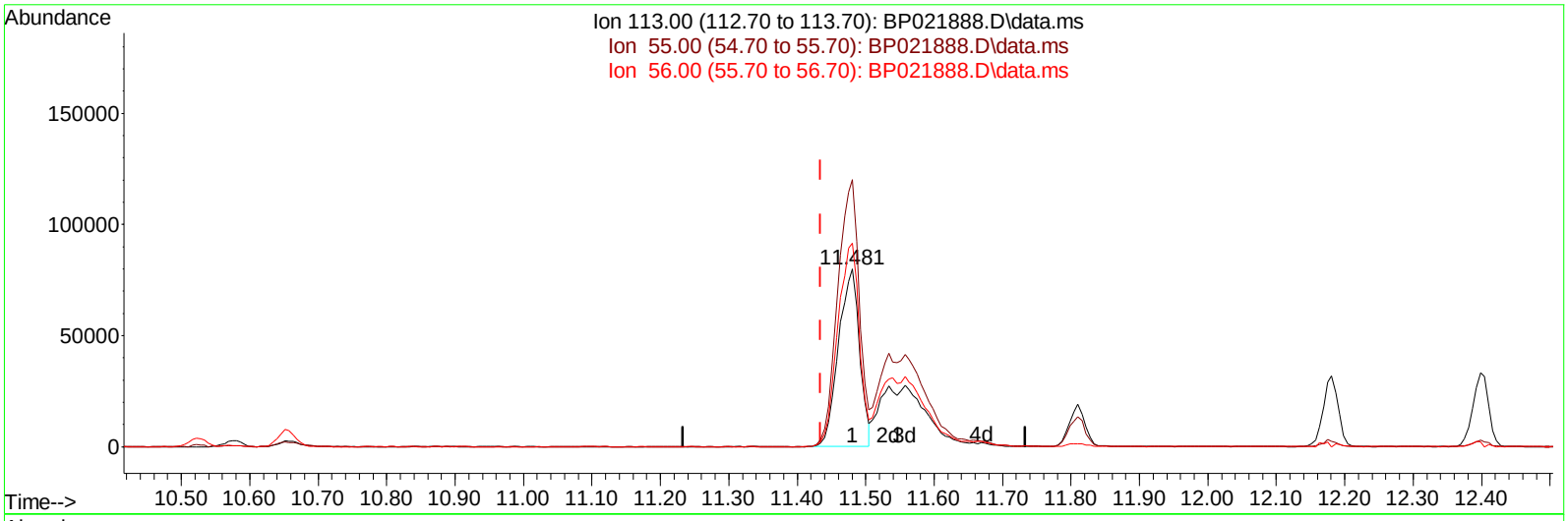
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
Data File : BP021888.D
Acq On : 11 Sep 2024 17:38
Operator : RC/JU
Sample : SSTD08035
Misc :
ALS Vial : 9 Sample Multiplier: 1

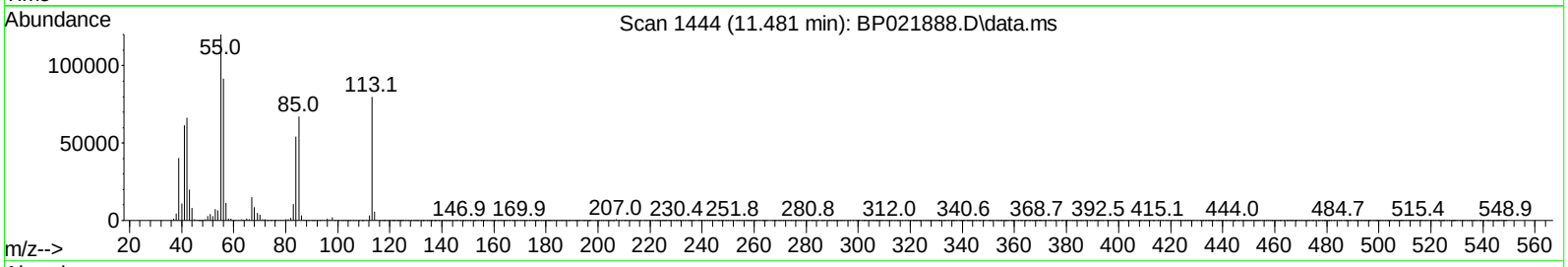
Quant Time: Sep 11 18:10:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 15:08:33 2024
Response via : Initial Calibration

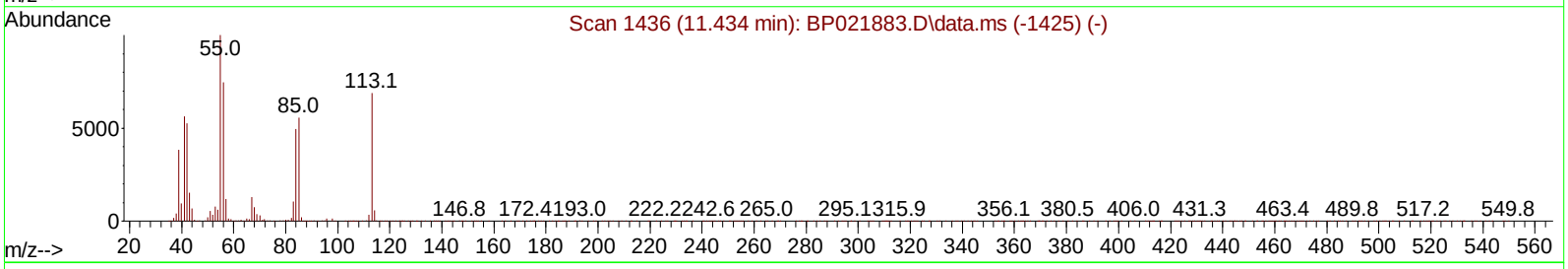
Instrument :
BNA_P
ClientSampleId :
SSTD080613

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024







TIC: BP021888.D\data.ms

(34) Caprolactam

11.481min (+ 0.047) 40.18 ng/ul

response 170240

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.10	150.18
56.00	108.00	114.72
0.00	0.00	0.00

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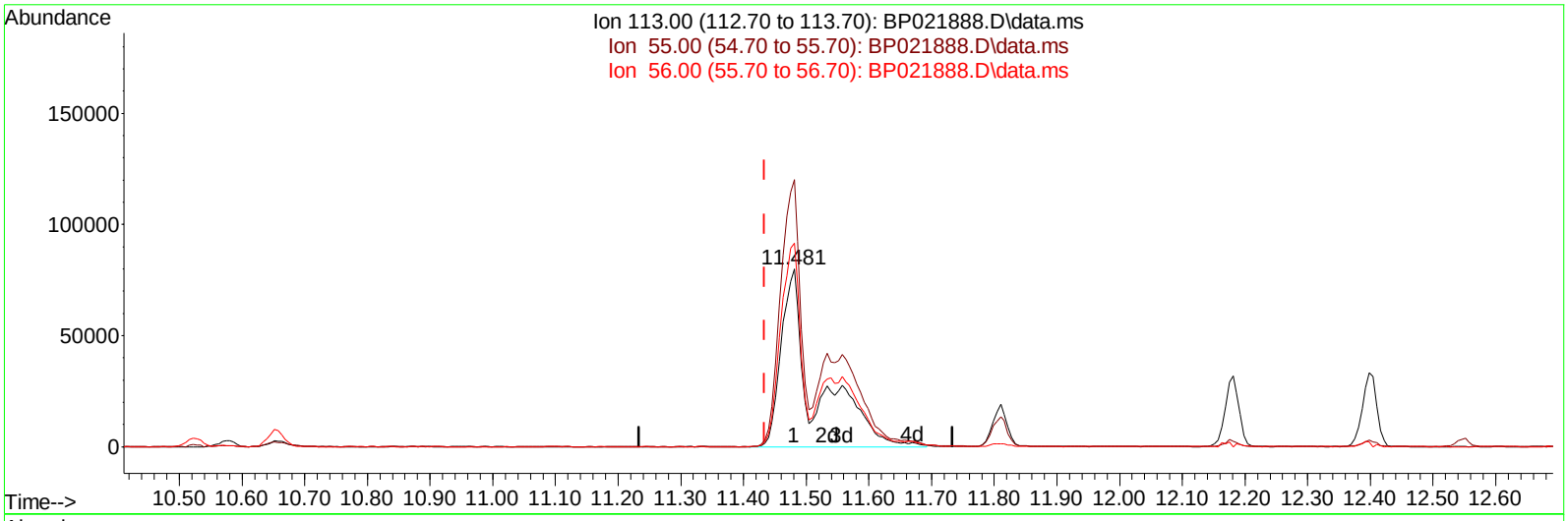

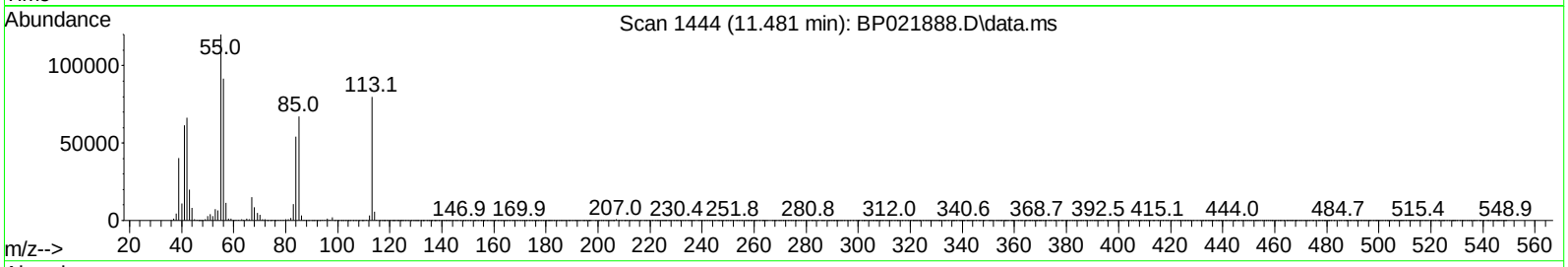

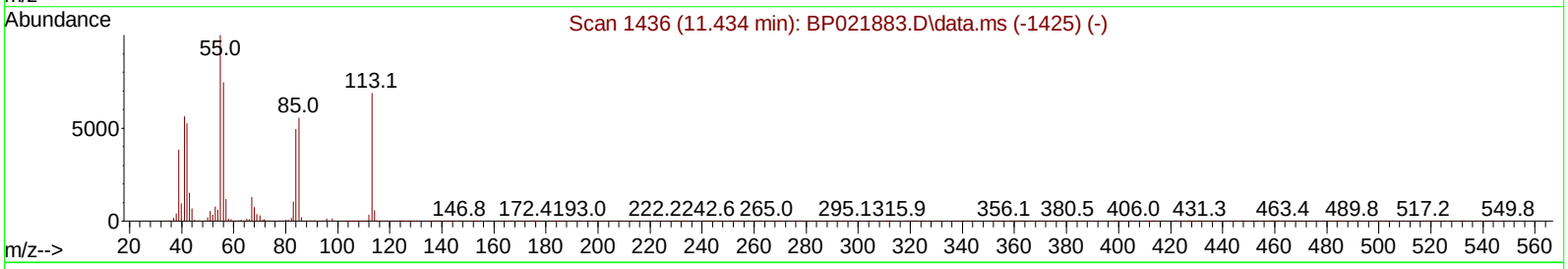

TIC: BP021888.D\data.ms

(34) Caprolactam

11.481min (+ 0.047) 71.57 ng/ul m

response 303197

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.10	150.18
56.00	108.00	114.72
0.00	0.00	0.00

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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 15:08:33 2024
Response via : Initial Calibration

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	7.757	152	111185	20.000	ng/ul	0.01
20) Naphthalene-d8	10.522	136	642605	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.369	164	466797	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.163	188	1089848	20.000	ng/ul	0.03
79) Chrysene-d12	21.598	240	1051924	20.000	ng/ul	0.03
88) Perylene-d12	24.927	264	1181012	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	107292	30.717	ng/uL	0.00
4) Pyridine-d5	3.681	84	820391	82.342	ng/ul	0.00
7) Phenol-d5	6.940	99	712025	63.379	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.099	67	396590	64.356	ng/ul	0.01
11) 2-Chlorophenol-d4	7.299	132	583461	77.494	ng/ul	0.01
15) 4-Methylphenol-d8	8.463	113	619240	70.217	ng/ul	0.02
21) Nitrobenzene-d5	8.904	128	302974	59.624	ng/ul	0.02
24) 2-Nitrophenol-d4	9.616	143	360275	68.971	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.151	165	746740	71.389	ng/ul	0.02
31) 4-Chloroaniline-d4	10.651	131	1190928	79.749	ng/ul	0.01
46) Dimethylphthalate-d6	13.775	166	2835645	79.609	ng/ul	0.02
49) Acenaphthylene-d8	14.057	160	3181534	80.376	ng/ul	0.02
54) 4-Nitrophenol-d4	14.581	143	541431	80.059	ng/ul	0.03
60) Fluorene-d10	15.375	176	2463538	75.801	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.504	200	554207	92.747	ng/ul	0.03
73) Anthracene-d10	17.263	188	3935612	76.916	ng/ul	0.02
81) Pyrene-d10	19.633	212	4962205	83.357	ng/ul	0.03
92) Benzo(a)pyrene-d12	24.704	264	5299718	84.901	ng/ul	0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	112945	30.634	ng/uL	96
5) Pyridine	3.705	79	782273	77.890	ng/ul	100
6) Benzaldehyde	6.910	77	307853	53.579	ng/ul	98
8) Phenol	6.969	94	733422	62.624	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.187	93	544301	60.283	ng/ul	95
12) 2-Chlorophenol	7.334	128	590866	75.154	ng/ul	99
13) 2-Methylphenol	8.199	108	566314	66.753	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.269	45	631245	70.608	ng/ul	99
16) Acetophenone	8.575	105	969930	68.847	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.563	70	483357	72.252	ng/ul	98
18) 4-Methylphenol	8.528	108	631083	67.738	ng/ul	96
19) Hexachloroethane	8.828	117	254416	72.304	ng/ul	97
22) Nitrobenzene	8.946	77	761054	54.469	ng/ul	99
23) Isophorone	9.475	82	1416502	51.476	ng/ul	99
25) 2-Nitrophenol	9.646	139	384409	66.701	ng/ul	98
26) 2,4-Dimethylphenol	9.710	107	751920	54.591	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.940	93	819661	47.814	ng/ul	98
29) 2,4-Dichlorophenol	10.181	162	802765	76.433	ng/ul	99
30) Naphthalene	10.575	128	2683265	75.312	ng/ul	99
32) 4-Chloroaniline	10.681	127	1165809	78.162	ng/ul	100
33) Hexachlorobutadiene	10.863	225	634034	87.462	ng/ul	97
34) Caprolactam	11.481	113	303197m	71.569	ng/ul	
35) 4-Chloro-3-methylphenol	11.810	107	969429	72.525	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.181	142	1981480	81.069	ng/ul	99
37) 1-Methylnaphthalene	12.398	142	1969600	79.637	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.551	216	1264551	86.299	ng/ul	99
40) Hexachlorocyclopentadiene	12.534	237	721410	85.661	ng/ul	98
41) 2,4,6-Trichlorophenol	12.792	196	839079	89.506	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	916851	90.309	ng/ul	99
43) 1,1'-Biphenyl	13.192	154	2650963	76.830	ng/ul	98
44) 2-Chloronaphthalene	13.234	162	2160322	79.495	ng/ul	98
45) 2-Nitroaniline	13.440	65	654193	78.294	ng/ul	96
47) Dimethylphthalate	13.822	163	2808662	78.899	ng/ul	99
48) 2,6-Dinitrotoluene	13.939	165	605815	91.841	ng/ul	92
50) Acenaphthylene	14.087	152	3299315	77.994	ng/ul	99
51) 3-Nitroaniline	14.269	138	511583	72.128	ng/ul	97
52) Acenaphthene	14.434	153	2344436	78.367	ng/ul	100
53) 2,4-Dinitrophenol	14.487	184	384567	96.654	ng/ul	87
55) 4-Nitrophenol	14.598	109	456033	71.834	ng/ul	89
56) Dibenzofuran	14.775	168	3350097	79.661	ng/ul	97
57) 2,4-Dinitrotoluene	14.739	165	912077	90.341	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.998	232	788335	87.637	ng/ul	99
59) Diethylphthalate	15.210	149	2741210	74.709	ng/ul	99
61) Fluorene	15.434	166	2636808	71.938	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.428	204	1404138	75.589	ng/ul	97
63) 4-Nitroaniline	15.451	138	513588	68.514	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.516	198	598708	89.774	ng/ul#	98
67) N-Nitrosodiphenylamine	15.639	169	2361366	75.369	ng/ul	97
68) 4-Bromophenyl-phenylether	16.328	248	937892	79.267	ng/ul	99
69) Hexachlorobenzene	16.451	284	1105488	78.350	ng/ul	99
70) Atrazine	16.616	200	981248	81.615	ng/ul	98
71) Pentachlorophenol	16.810	266	756700	84.003	ng/ul	98
72) Phenanthrene	17.210	178	4486173	75.453	ng/ul	99
74) Anthracene	17.298	178	4504562	75.011	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	1299975	87.028	ng/uL	97
76) Pentachlorobenzene	14.692	250	1279271	81.581	ng/uL	99
77) Carbazole	17.575	167	4142373	76.850	ng/ul	99
78) Di-n-butylphthalate	18.169	149	4868843	75.782	ng/ul	100
80) Fluoranthene	19.286	202	5680058	81.959	ng/ul	99
82) Pyrene	19.663	202	5921848	80.268	ng/ul	98
83) Butylbenzylphthalate	20.610	149	2303241	79.089	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.492	252	1888713	73.361	ng/ul	100
85) Benzo(a)anthracene	21.574	228	6045515	81.527	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.516	149	3287005	76.895	ng/ul	98
87) Chrysene	21.645	228	5557643	79.323	ng/ul	97
89) Di-n-octyl phthalate	22.780	149	5578810	78.685	ng/ul	100
90) Benzo(b)fluoranthene	23.880	252	6312216	86.493	ng/ul	98
91) Benzo(k)fluoranthene	23.945	252	5935688	82.047	ng/ul	98
93) Benzo(a)pyrene	24.786	252	5680764	83.940	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.721	276	7070052	80.502	ng/ul	99
95) Dibenzo(a,h)anthracene	28.798	278	5704072	80.625	ng/ul	98
96) Benzo(g,h,i)perylene	29.897	276	5648138	82.835	ng/ul	98

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

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