Quantitation Report (Qedit)

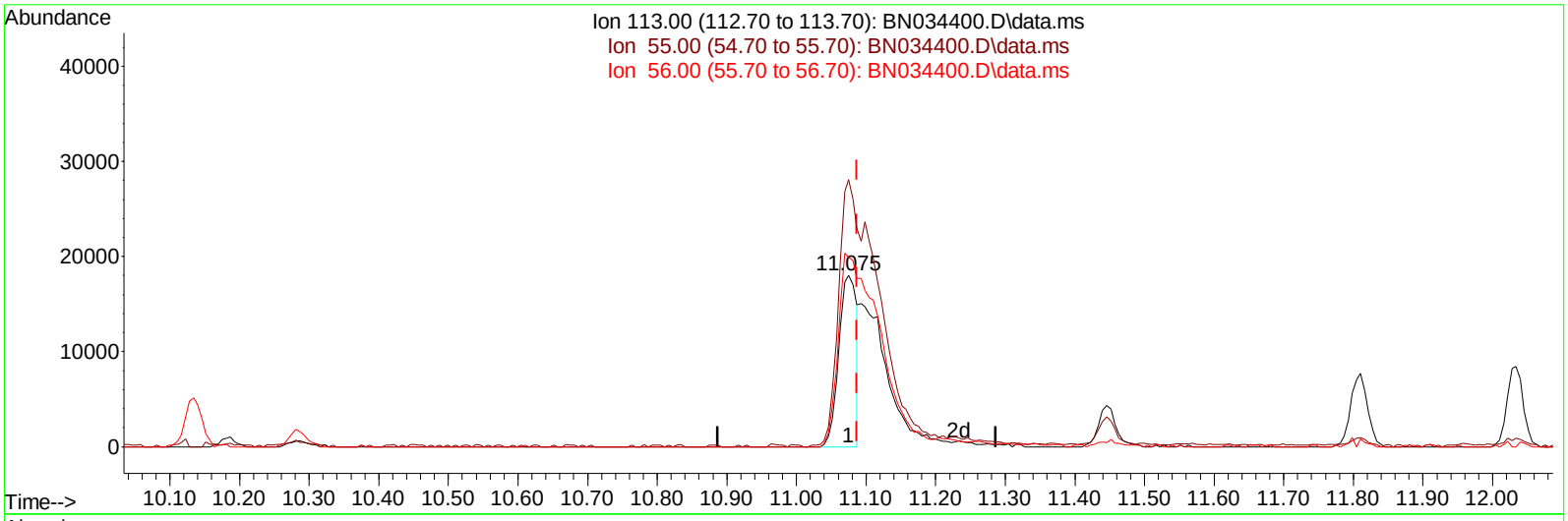
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
Data File : BN034400.D
Acq On : 04 Oct 2024 21:58
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

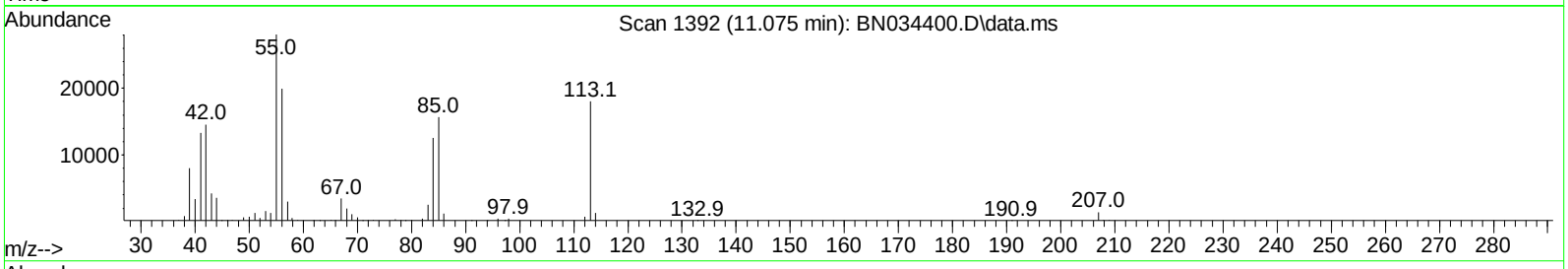
Quant Time: Oct 05 00:41:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

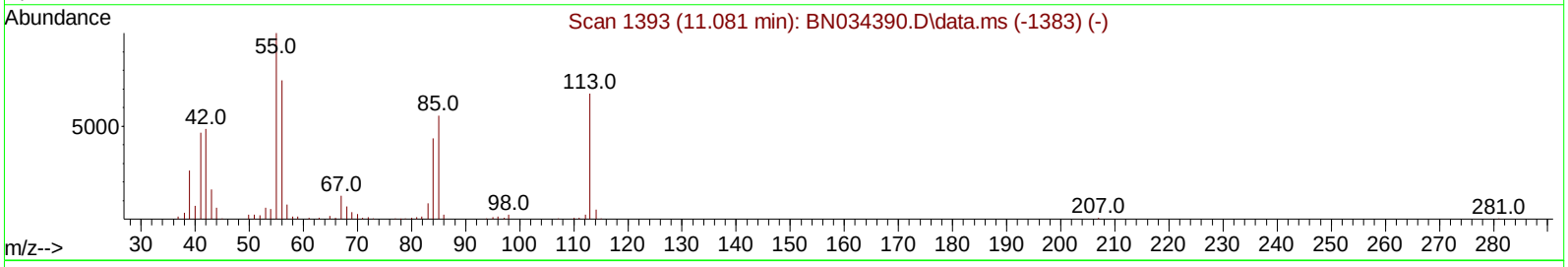
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024







TIC: BN034400.D\data.ms

(34) Caprolactam

11.075min (-0.012) 6.30 ng/ul

response 32205

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	155.43
56.00	124.60	110.50
0.00	0.00	0.00

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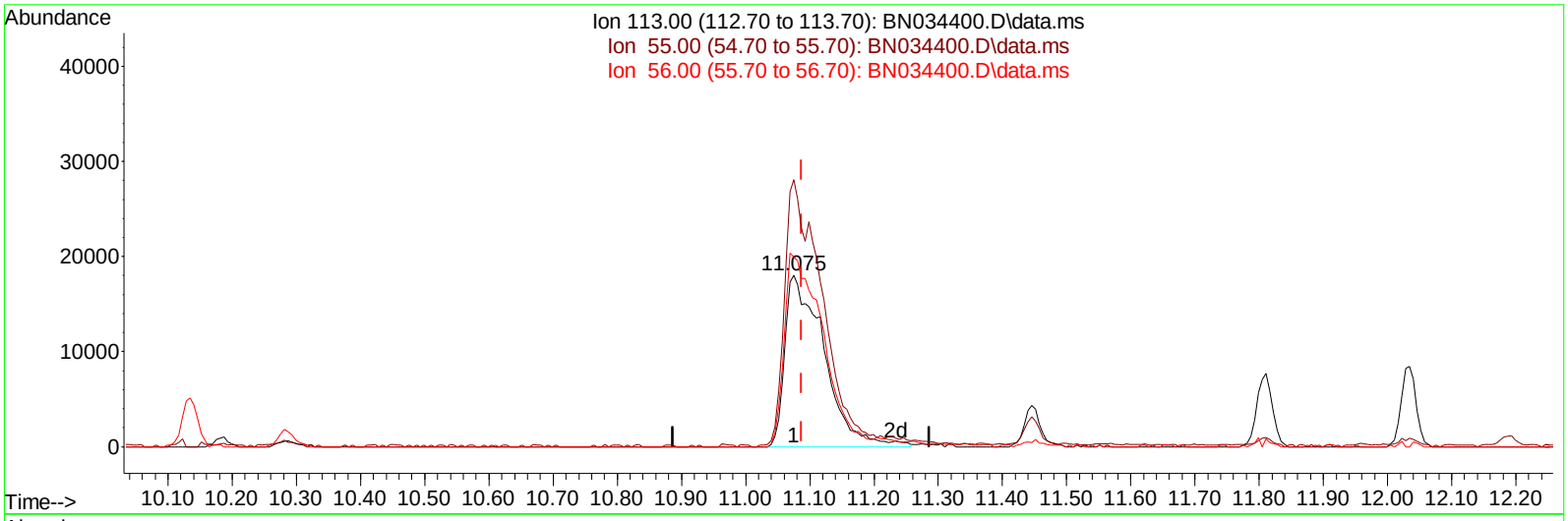

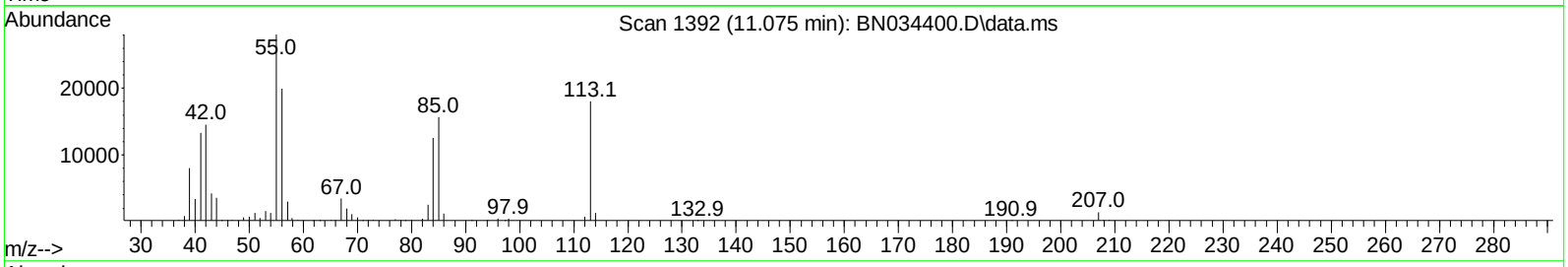

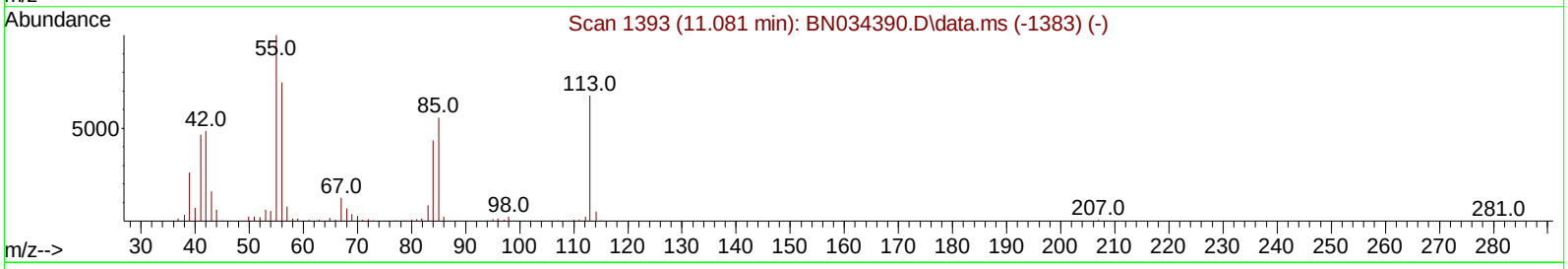

TIC: BN034400.D\data.ms

(34) Caprolactam

11.075min (-0.012) 14.93 ng/ul m

response 76282

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	155.43
56.00	124.60	110.50
0.00	0.00	0.00

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Acq On : 04 Oct 2024 21:58
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 05 00:43:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Instrument :
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LabSampleId :
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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	7.381	152	215030	20.000	ng/ul	0.00
20) Naphthalene-d8	10.134	136	821094	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.034	164	472230	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.787	188	871316	20.000	ng/ul	-0.01
79) Chrysene-d12	21.022	240	832882	20.000	ng/ul	-0.01
88) Perylene-d12	23.727	264	1039977	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	43183	8.195	ng/uL	0.00
4) Pyridine-d5	3.387	84	266258	16.999	ng/ul	0.00
7) Phenol-d5	6.581	99	318804	16.705	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	197167	16.652	ng/ul	0.00
11) 2-Chlorophenol-d4	6.922	132	291924	19.433	ng/ul	0.00
15) 4-Methylphenol-d8	8.099	113	252543	16.083	ng/ul	0.00
21) Nitrobenzene-d5	8.522	128	133301	20.368	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	138517	20.582	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	255013	20.121	ng/ul	0.00
31) 4-Chloroaniline-d4	10.281	131	322959	16.831	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	630612	17.869	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	752993	18.966	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.263	143	107659	14.864	ng/ul	-0.01
60) Fluorene-d10	15.034	176	537183	17.960	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	94773	18.243	ng/ul	0.00
73) Anthracene-d10	16.887	188	785745	19.181	ng/ul	-0.01
81) Pyrene-d10	19.198	212	896383	19.316	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	991686	18.564	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	46474	8.361	ng/uL	86
5) Pyridine	3.405	79	278299	17.364	ng/ul	96
6) Benzaldehyde	6.540	77	152424	15.131	ng/ul	92
8) Phenol	6.605	94	323869	16.300	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.828	93	271483	17.580	ng/ul	94
12) 2-Chlorophenol	6.952	128	291334	18.924	ng/ul	94
13) 2-Methylphenol	7.834	108	248864	16.758	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.905	45	354451	15.564	ng/ul	95
16) Acetophenone	8.193	105	383173	15.404	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.187	70	179966	14.610	ng/ul	93
18) 4-Methylphenol	8.158	108	262298	15.870	ng/ul	98
19) Hexachloroethane	8.434	117	123535	19.026	ng/ul	88
22) Nitrobenzene	8.563	77	292214	17.839	ng/ul	92
23) Isophorone	9.087	82	499957	16.551	ng/ul	96
25) 2-Nitrophenol	9.263	139	148117	19.665	ng/ul	96
26) 2,4-Dimethylphenol	9.346	107	268902	17.354	ng/ul	90
27) Bis(2-Chloroethoxy)met...	9.575	93	335939	18.074	ng/ul	98
29) 2,4-Dichlorophenol	9.793	162	251412	19.591	ng/ul	95
30) Naphthalene	10.181	128	862612	19.206	ng/ul	99
32) 4-Chloroaniline	10.305	127	316351	16.730	ng/ul	99
33) Hexachlorobutadiene	10.475	225	173055	21.019	ng/ul	98
34) Caprolactam	11.075	113	76282m	14.930	ng/ul	
35) 4-Chloro-3-methylphenol	11.446	107	236468	15.652	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	11.810	142	566924	18.325	ng/ul	95
37) 1-Methylnaphthalene	12.034	142	566333	18.085	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.193	216	299758	21.988	ng/ul	97
40) Hexachlorocyclopentadiene	12.169	237	162978	19.430	ng/ul	98
41) 2,4,6-Trichlorophenol	12.446	196	182368	20.178	ng/ul	97
42) 2,4,5-Trichlorophenol	12.516	196	194137	19.556	ng/ul	98
43) 1,1'-Biphenyl	12.851	154	694405	19.505	ng/ul	99
44) 2-Chloronaphthalene	12.887	162	559757	20.182	ng/ul	97
45) 2-Nitroaniline	13.110	65	131984	14.727	ng/ul#	83
47) Dimethylphthalate	13.504	163	631572	17.559	ng/ul	98
48) 2,6-Dinitrotoluene	13.622	165	126726	17.893	ng/ul	91
50) Acenaphthylene	13.746	152	841961	19.381	ng/ul	100
51) 3-Nitroaniline	13.951	138	120141	15.350	ng/ul	94
52) Acenaphthene	14.098	153	569638	18.366	ng/ul	98
53) 2,4-Dinitrophenol	14.163	184	85629	20.555	ng/ul#	84
55) 4-Nitrophenol	14.281	109	99582	16.190	ng/ul	91
56) Dibenzofuran	14.434	168	778274	18.350	ng/ul	94
57) 2,4-Dinitrotoluene	14.416	165	180052	16.863	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.669	232	158666	19.261	ng/ul	92
59) Diethylphthalate	14.893	149	617277	16.423	ng/ul	96
61) Fluorene	15.092	166	619414	17.853	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.098	204	305378	18.159	ng/ul	96
63) 4-Nitroaniline	15.122	138	108408	13.460	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.187	198	101870	17.658	ng/ul	93
67) N-Nitrosodiphenylamine	15.316	169	513927	19.684	ng/ul	98
68) 4-Bromophenyl-phenylether	15.992	248	183049	20.689	ng/ul	93
69) Hexachlorobenzene	16.098	284	224064	21.818	ng/ul#	90
70) Atrazine	16.281	200	158628	16.768	ng/ul	98
71) Pentachlorophenol	16.445	266	134442	19.656	ng/ul	99
72) Phenanthrene	16.834	178	928799	19.332	ng/ul	99
74) Anthracene	16.922	178	928176	18.920	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.810	216	290662	23.969	ng/uL	99
76) Pentachlorobenzene	14.357	250	273816	22.176	ng/uL	99
77) Carbazole	17.204	167	833698	18.464	ng/ul	99
78) Di-n-butylphthalate	17.786	149	1018919	17.752	ng/ul	99
80) Fluoranthene	18.863	202	1054458	19.437	ng/ul	99
82) Pyrene	19.228	202	1076740	18.462	ng/ul	97
83) Butylbenzylphthalate	20.169	149	447066	17.093	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.951	252	327472	17.504	ng/ul	96
85) Benzo(a)anthracene	21.004	228	1108278	18.663	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.969	149	696753	18.200	ng/ul	98
87) Chrysene	21.063	228	1059551	18.700	ng/ul	97
89) Di-n-octyl phthalate	22.010	149	1197896	17.311	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1171879	18.482	ng/ul	99
91) Benzo(k)fluoranthene	22.939	252	1214531	19.417	ng/ul	98
93) Benzo(a)pyrene	23.604	252	1146396	19.139	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.715	276	1529704	20.612	ng/ul	97
95) Dibenzo(a,h)anthracene	26.768	278	1285776	21.433	ng/ul	97
96) Benzo(g,h,i)perylene	27.645	276	1251817	21.728	ng/ul	97

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

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