Quantitation Report (Qedit)

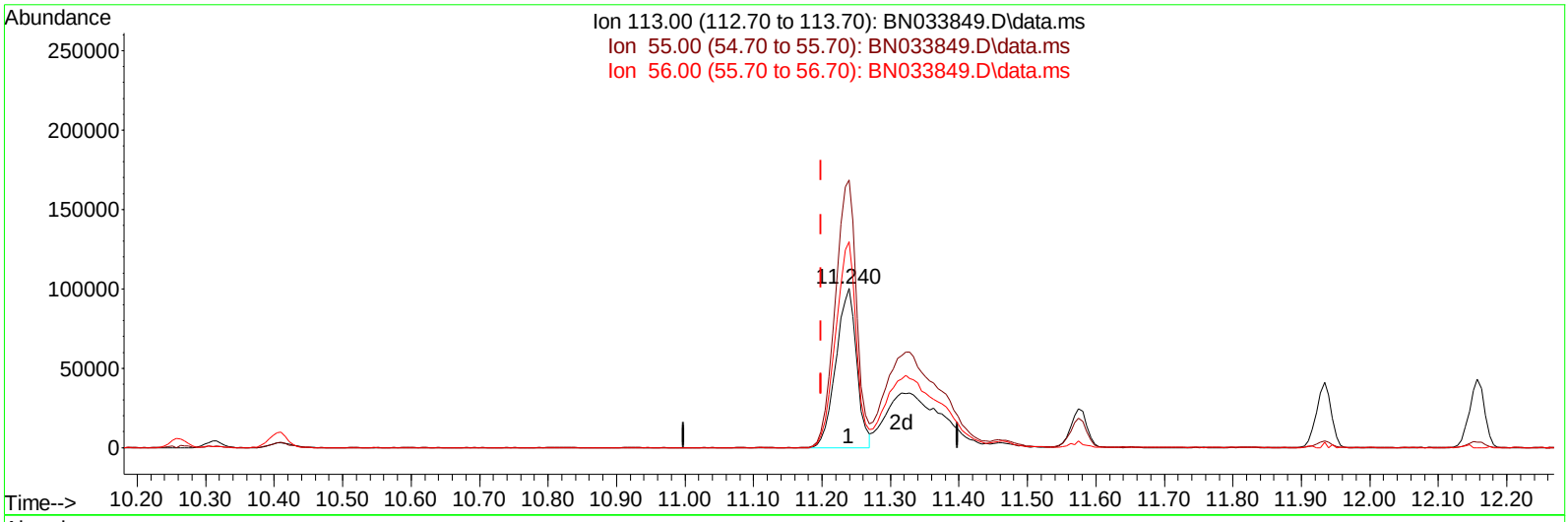
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
Data File : BN033849.D
Acq On : 10 Sep 2024 19:59
Operator : JU/RC
Sample : SSTD08084
Misc :
ALS Vial : 6 Sample Multiplier: 1

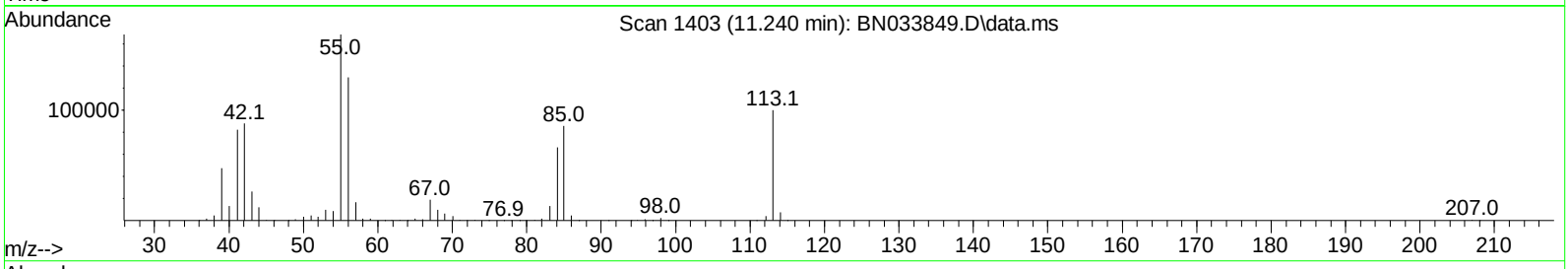
Quant Time: Sep 11 01:36:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 01:28:58 2024
Response via : Initial Calibration

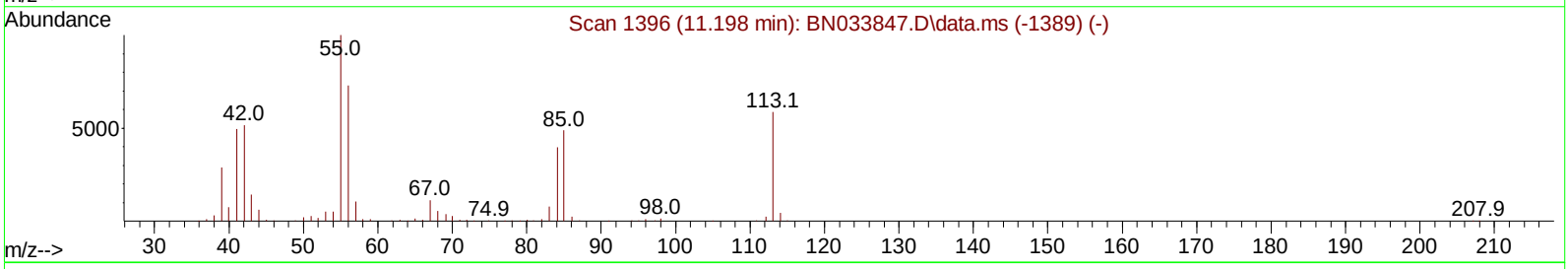
Instrument :
BNA_N
ClientSampleId :
SSTD080221

Manual IntegrationsAPPROVED

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







TIC: BN033849.D\data.ms

(34) Caprolactam

11.240min (+ 0.041) 40.73 ng/ul

response 210422

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	167.98
56.00	124.60	129.34
0.00	0.00	0.00

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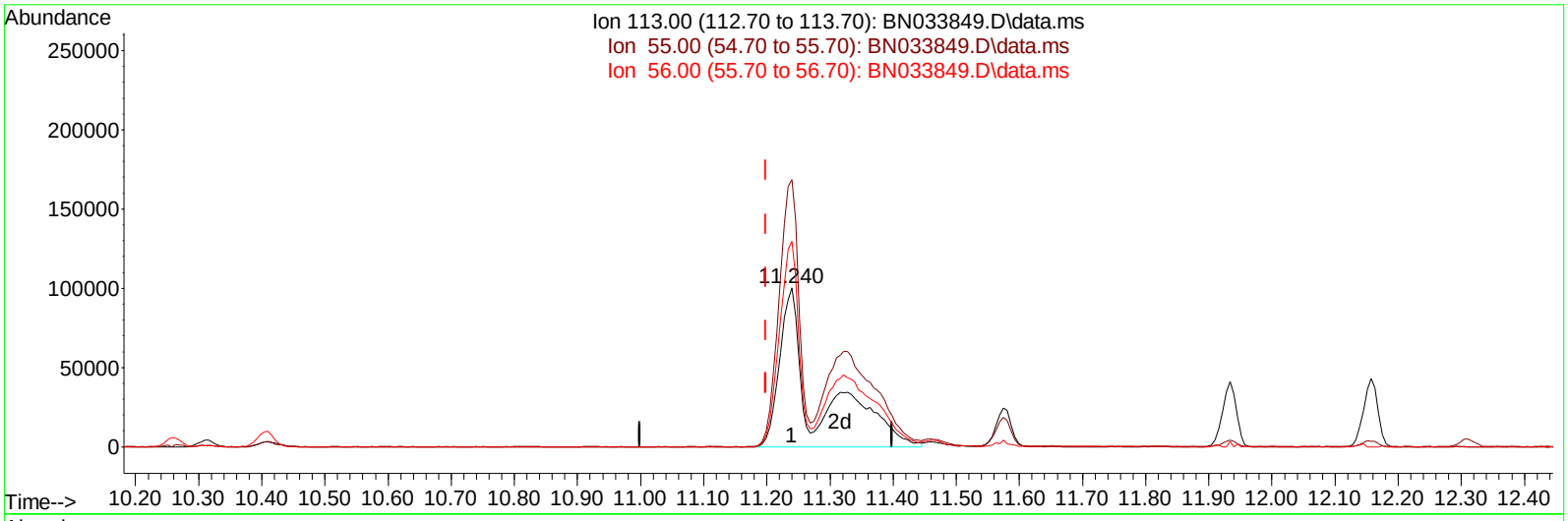

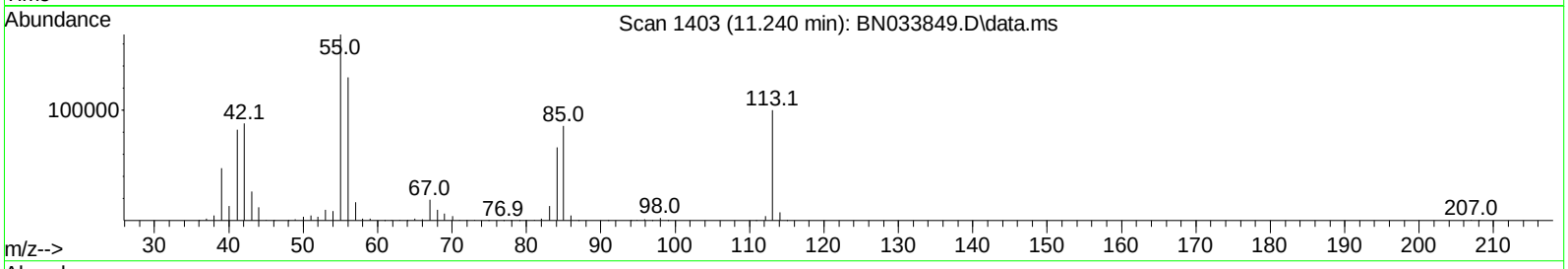

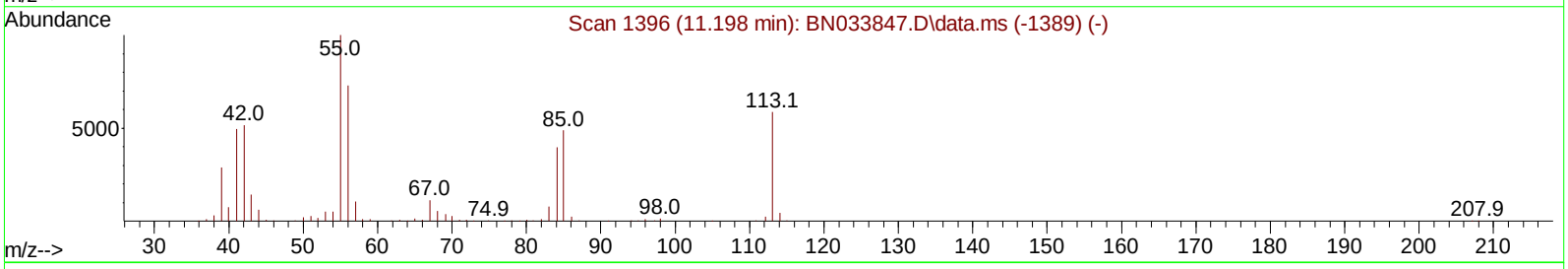

TIC: BN033849.D\data.ms

(34) Caprolactam

11.240min (+ 0.041) 78.49 ng/ul m

response 405462

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	167.98
56.00	124.60	129.34
0.00	0.00	0.00

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Operator : JU/RC
Sample : SSTD08084
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 01:49:52 2024
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Quant Title : SVOA CALIBRATION
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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	7.499	152	189536	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	838289	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.145	164	552726	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.898	188	1165804	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	1158003	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	1430852	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	145339	31.285	ng/uL	0.00
4) Pyridine-d5	3.499	84	1108831	78.659	ng/ul	0.00
7) Phenol-d5	6.699	99	1371911	78.916	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.852	67	810096	72.673	ng/ul	0.00
11) 2-Chlorophenol-d4	7.046	132	1108341	84.570	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	1126061	78.332	ng/ul	0.01
21) Nitrobenzene-d5	8.646	128	562318	88.136	ng/ul	0.00
24) 2-Nitrophenol-d4	9.357	143	612397	109.008	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.893	165	1084375	86.701	ng/ul	0.00
31) 4-Chloroaniline-d4	10.404	131	1595907	76.538	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	3285821	78.115	ng/ul	0.01
49) Acenaphthylene-d8	13.834	160	3797973	80.644	ng/ul	0.00
54) 4-Nitrophenol-d4	14.381	143	710791	87.448	ng/ul	0.02
60) Fluorene-d10	15.145	176	2744706	76.082	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.281	200	620470	113.005	ng/ul	0.01
73) Anthracene-d10	16.998	188	4382451	79.287	ng/ul	0.00
81) Pyrene-d10	19.304	212	5115656	80.000	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	6043369	81.230	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	154080	31.609	ng/uL	96
5) Pyridine	3.516	79	1134069	78.255	ng/ul	97
6) Benzaldehyde	6.657	77	576654	63.837	ng/ul	97
8) Phenol	6.728	94	1421004	77.787	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.946	93	1078835	74.164	ng/ul	99
12) 2-Chlorophenol	7.075	128	1111248	81.276	ng/ul	100
13) 2-Methylphenol	7.952	108	1068529	77.316	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.022	45	1554586	65.834	ng/ul	99
16) Acetophenone	8.322	105	1738881	74.483	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.328	70	871107	73.017	ng/ul	98
18) 4-Methylphenol	8.287	108	1171551	75.729	ng/ul	96
19) Hexachloroethane	8.557	117	466109	81.583	ng/ul	99
22) Nitrobenzene	8.687	77	1340577	83.564	ng/ul	98
23) Isophorone	9.222	82	2507012	77.008	ng/ul	98
25) 2-Nitrophenol	9.393	139	660113	100.689	ng/ul	99
26) 2,4-Dimethylphenol	9.463	107	1295672	83.494	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.698	93	1512408	75.015	ng/ul	98
29) 2,4-Dichlorophenol	9.922	162	1083570	83.767	ng/ul	98
30) Naphthalene	10.310	128	3595373	76.924	ng/ul	99
32) 4-Chloroaniline	10.434	127	1565629	76.776	ng/ul	99
33) Hexachlorobutadiene	10.604	225	654223	80.911	ng/ul	96
34) Caprolactam	11.240	113	405462m	78.487	ng/ul	
35) 4-Chloro-3-methylphenol	11.575	107	1279890	86.009	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.934	142	2513906	76.421	ng/ul	99
37) 1-Methylnaphthalene	12.157	142	2531398	76.137	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.310	216	1265478	79.963	ng/ul	96
40) Hexachlorocyclopentadiene	12.292	237	753817	85.957	ng/ul	99
41) 2,4,6-Trichlorophenol	12.563	196	892431	91.905	ng/ul	99
42) 2,4,5-Trichlorophenol	12.639	196	969715	88.676	ng/ul	98
43) 1,1'-Biphenyl	12.969	154	3244867	77.840	ng/ul	98
44) 2-Chloronaphthalene	13.010	162	2558236	79.164	ng/ul	99
45) 2-Nitroaniline	13.222	65	887344	95.573	ng/ul	98
47) Dimethylphthalate	13.622	163	3324339	78.727	ng/ul	99
48) 2,6-Dinitrotoluene	13.739	165	734883	95.759	ng/ul	93
50) Acenaphthylene	13.863	152	4046977	78.689	ng/ul	99
51) 3-Nitroaniline	14.063	138	721253	82.995	ng/ul	98
52) Acenaphthene	14.210	153	2870107	78.977	ng/ul	99
53) 2,4-Dinitrophenol	14.269	184	440446	116.181	ng/ul	94
55) 4-Nitrophenol	14.398	109	587852	92.347	ng/ul	96
56) Dibenzofuran	14.551	168	3827851	75.439	ng/ul	98
57) 2,4-Dinitrotoluene	14.528	165	1072753	93.014	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.781	232	799374	89.950	ng/ul	98
59) Diethylphthalate	15.004	149	3502610	79.510	ng/ul	99
61) Fluorene	15.204	166	3146500	75.345	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.204	204	1517001	75.708	ng/ul	97
63) 4-Nitroaniline	15.239	138	725996	81.166	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.298	198	678641	109.367	ng/ul	96
67) N-Nitrosodiphenylamine	15.422	169	2786316	79.476	ng/ul	99
68) 4-Bromophenyl-phenylether	16.098	248	969017	81.434	ng/ul	97
69) Hexachlorobenzene	16.210	284	1113064	81.699	ng/ul	95
70) Atrazine	16.398	200	1039905	79.726	ng/ul	98
71) Pentachlorophenol	16.551	266	772153	90.092	ng/ul	98
72) Phenanthrene	16.939	178	5031045	77.179	ng/ul	98
74) Anthracene	17.033	178	5194496	78.218	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.928	216	1297385	82.543	ng/uL	98
76) Pentachlorobenzene	14.469	250	1305918	80.733	ng/uL	98
77) Carbazole	17.310	167	4763807	77.807	ng/ul	98
78) Di-n-butylphthalate	17.892	149	6073224	79.423	ng/ul	99
80) Fluoranthene	18.969	202	5893203	78.818	ng/ul	99
82) Pyrene	19.333	202	6269938	77.370	ng/ul	99
83) Butylbenzylphthalate	20.263	149	3024643	93.146	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.051	252	2089967	79.169	ng/ul	96
85) Benzo(a)anthracene	21.116	228	6412241	76.952	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.074	149	4288046	81.395	ng/ul#	96
87) Chrysene	21.180	228	6166045	78.682	ng/ul	97
89) Di-n-octyl phthalate	22.139	149	7796880	84.605	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	6921714	77.812	ng/ul	97
91) Benzo(k)fluoranthene	23.115	252	6896388	78.091	ng/ul	99
93) Benzo(a)pyrene	23.804	252	6717207	79.682	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.039	276	8702413	83.182	ng/ul	99
95) Dibenzo(a,h)anthracene	27.098	278	7012793	81.854	ng/ul	97
96) Benzo(g,h,i)perylene	28.015	276	6800351	84.583	ng/ul	99

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

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