Quantitation Report (Qedit)

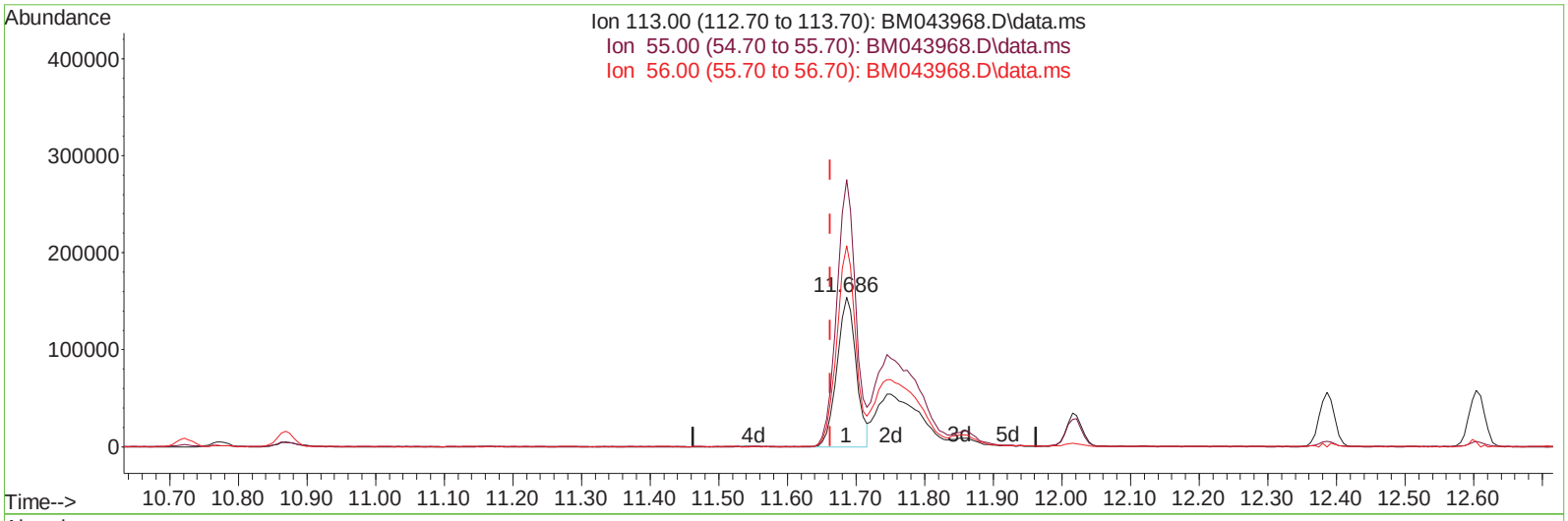
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020224\
Data File : BM043968.D
Acq On : 02 Feb 2024 15:41
Operator : MA/JU
Sample : SSTD08091
Misc :
ALS Vial : 6 Sample Multiplier: 1

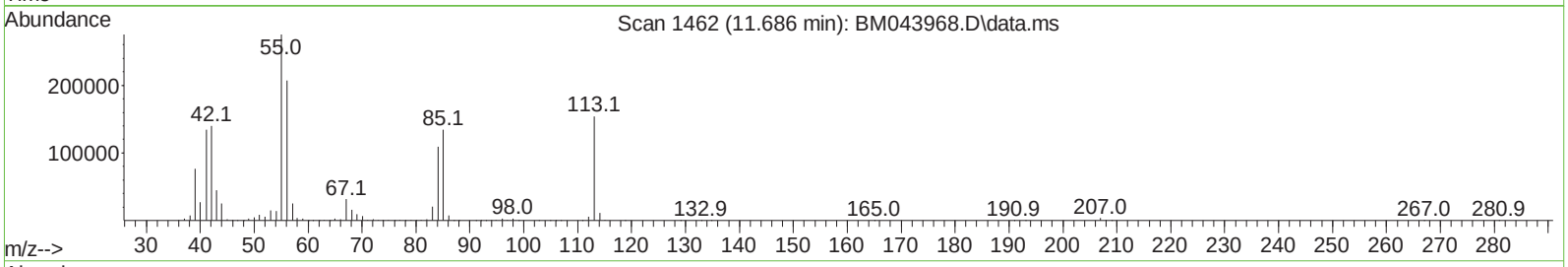
Quant Time: Feb 02 16:24:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM020224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 15:20:58 2024
Response via : Initial Calibration

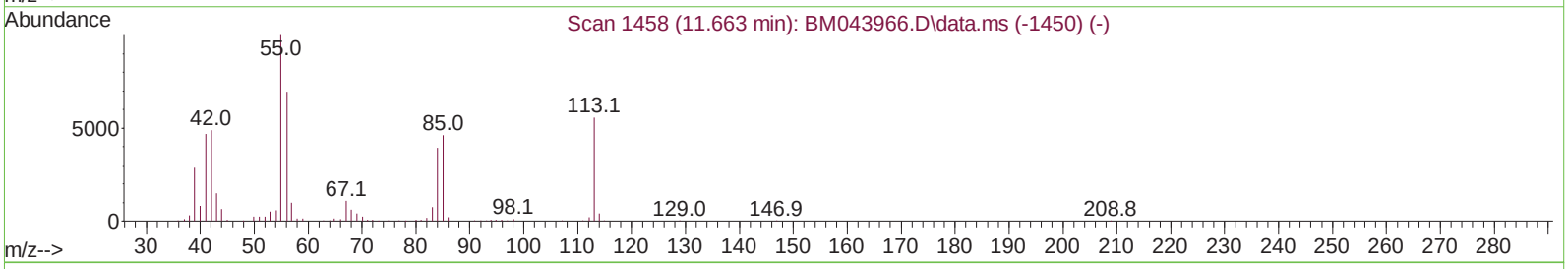
Instrument :
BNA_M
ClientSampleId :
SSTD080010

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024







TIC: BM043968.D\data.ms

(34) Caprolactam

11.686min (+ 0.023) 45.83 ng/ul

response 299353

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.50	178.41
56.00	125.80	134.50
0.00	0.00	0.00

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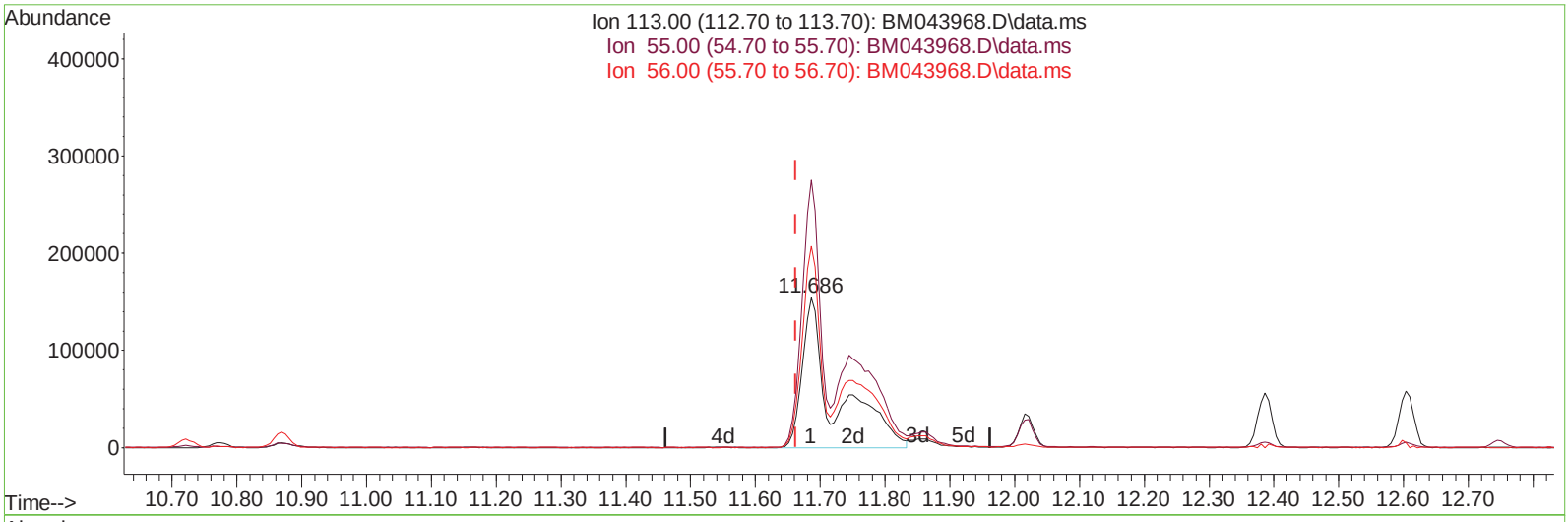

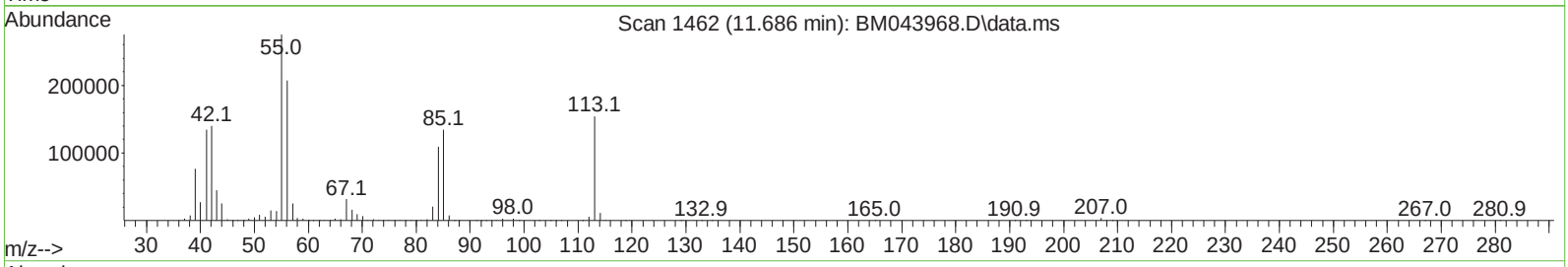

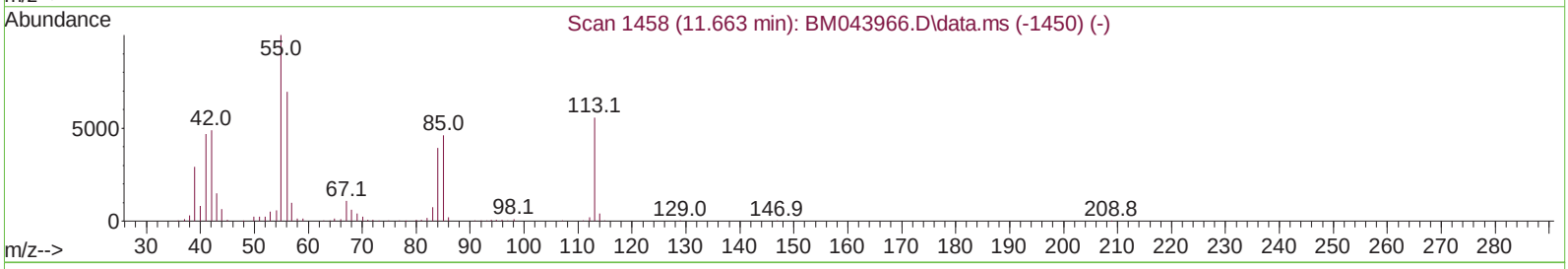

TIC: BM043968.D\data.ms

(34) Caprolactam

11.686min (+ 0.023) 82.02 ng/ul m

response 535788

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.50	178.41
56.00	125.80	134.50
0.00	0.00	0.00

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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	7.916	152	272236	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	1151928	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.562	164	672067	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.315	188	1406584	20.000	ng/ul	0.00
79) Chrysene-d12	21.515	240	1343716	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	1488257	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	260337	36.509	ng/uL	0.00
4) Pyridine-d5	3.763	84	1917409	89.558	ng/ul	0.00
7) Phenol-d5	7.087	99	2263662	84.516	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	1380764	82.522	ng/ul	0.00
11) 2-Chlorophenol-d4	7.445	132	1744126	89.646	ng/ul	0.00
15) 4-Methylphenol-d8	8.633	113	1744675	82.857	ng/ul	0.00
21) Nitrobenzene-d5	9.092	128	849163	91.129	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	902064	88.232	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	1640376	88.492	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	2528102	84.845	ng/ul	0.00
46) Dimethylphthalate-d6	13.986	166	4513740	83.838	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	5501969	89.309	ng/ul	0.00
54) 4-Nitrophenol-d4	14.780	143	969684	90.905	ng/ul	0.02
60) Fluorene-d10	15.562	176	3940807	86.399	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	769979	82.666	ng/ul	0.01
73) Anthracene-d10	17.421	188	6116178	88.441	ng/ul	0.00
81) Pyrene-d10	19.715	212	7018026	87.749	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	7147233	90.195	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	268546	36.297	ng/uL	97
5) Pyridine	3.781	79	1921759	87.390	ng/ul	97
6) Benzaldehyde	7.063	77	758665	71.075	ng/ul	99
8) Phenol	7.110	94	2309890	85.086	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.351	93	1830425	84.273	ng/ul	99
12) 2-Chlorophenol	7.481	128	1792109	88.623	ng/ul	99
13) 2-Methylphenol	8.363	108	1713807	83.401	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.451	45	2582818	72.785	ng/ul	99
16) Acetophenone	8.751	105	2743771	83.116	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.745	70	1459773	81.607	ng/ul	99
18) 4-Methylphenol	8.704	108	1832986	82.308	ng/ul	100
19) Hexachloroethane	8.992	117	744608	84.599	ng/ul	96
22) Nitrobenzene	9.133	77	2067008	88.760	ng/ul	97
23) Isophorone	9.663	82	4014275	85.276	ng/ul	98
25) 2-Nitrophenol	9.839	139	981343	89.580	ng/ul	99
26) 2,4-Dimethylphenol	9.904	107	1873789	87.368	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.151	93	2433743	86.189	ng/ul	100
29) 2,4-Dichlorophenol	10.375	162	1580885	85.559	ng/ul	98
30) Naphthalene	10.775	128	5606442	86.452	ng/ul	100
32) 4-Chloroaniline	10.892	127	2469478	85.191	ng/ul	100
33) Hexachlorobutadiene	11.051	225	937466	88.652	ng/ul	98
34) Caprolactam	11.686	113	535788m	82.020	ng/ul	
35) 4-Chloro-3-methylphenol	12.021	107	1780572	87.569	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.386	142	3799528	84.706	ng/ul	98
37) 1-Methylnaphthalene	12.604	142	3744869	83.920	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.751	216	1843507	94.000	ng/ul	99
40) Hexachlorocyclopentadiene	12.721	237	1182302	88.860	ng/ul	98
41) 2,4,6-Trichlorophenol	12.998	196	1251646	91.915	ng/ul	97
42) 2,4,5-Trichlorophenol	13.063	196	1335519	92.301	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	4750868	85.973	ng/ul	100
44) 2-Chloronaphthalene	13.439	162	3759471	87.878	ng/ul	100
45) 2-Nitroaniline	13.657	65	1232616	92.783	ng/ul	96
47) Dimethylphthalate	14.039	163	4586519	84.527	ng/ul	100
48) 2,6-Dinitrotoluene	14.157	165	955019	90.200	ng/ul	96
50) Acenaphthylene	14.286	152	6291863	87.437	ng/ul	99
51) 3-Nitroaniline	14.486	138	962634	84.873	ng/ul	95
52) Acenaphthene	14.627	153	4112176	86.260	ng/ul	99
53) 2,4-Dinitrophenol	14.686	184	548991	84.235	ng/ul	96
55) 4-Nitrophenol	14.792	109	748498	90.967	ng/ul	97
56) Dibenzofuran	14.968	168	5413918	84.246	ng/ul	96
57) 2,4-Dinitrotoluene	14.939	165	1383783	88.874	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.186	232	1124560	92.907	ng/ul	100
59) Diethylphthalate	15.404	149	4708275	81.688	ng/ul	99
61) Fluorene	15.615	166	4646449	84.815	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.615	204	2196973	84.696	ng/ul	99
63) 4-Nitroaniline	15.651	138	901351	96.488	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.704	198	841961	83.429	ng/ul#	93
67) N-Nitrosodiphenylamine	15.833	169	3891706	87.408	ng/ul	99
68) 4-Bromophenyl-phenylether	16.509	248	1341793	88.301	ng/ul	99
69) Hexachlorobenzene	16.609	284	1514776	84.912	ng/ul	99
70) Atrazine	16.798	200	1245581	77.948	ng/ul	98
71) Pentachlorophenol	16.956	266	1006250	88.695	ng/ul	97
72) Phenanthrene	17.362	178	7185433	86.447	ng/ul	100
74) Anthracene	17.451	178	7378428	87.278	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	1804753	93.474	ng/uL	99
76) Pentachlorobenzene	14.874	250	1712148	87.635	ng/uL	99
77) Carbazole	17.727	167	6771429	86.244	ng/ul	100
78) Di-n-butylphthalate	18.303	149	8348732	79.745	ng/ul	99
80) Fluoranthene	19.380	202	8391449	86.472	ng/ul	100
82) Pyrene	19.744	202	8707191	86.396	ng/ul	99
83) Butylbenzylphthalate	20.662	149	3863490	83.286	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	2404951	78.667	ng/ul	100
85) Benzo(a)anthracene	21.503	228	8707746	87.746	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.450	149	5708474	77.510	ng/ul	97
87) Chrysene	21.556	228	8092130	90.162	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	9834613	76.617	ng/ul	100
90) Benzo(b)fluoranthene	23.197	252	8582183	85.439	ng/ul	99
91) Benzo(k)fluoranthene	23.250	252	8809393	88.678	ng/ul	99
93) Benzo(a)pyrene	23.832	252	8365917	90.309	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.444	276	10320392	96.451	ng/ul	100
95) Dibenzo(a,h)anthracene	26.473	278	8576333	96.515	ng/ul	98
96) Benzo(g,h,i)perylene	27.215	276	8191169	99.692	ng/ul	99

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

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