Quantitation Report (Qedit)

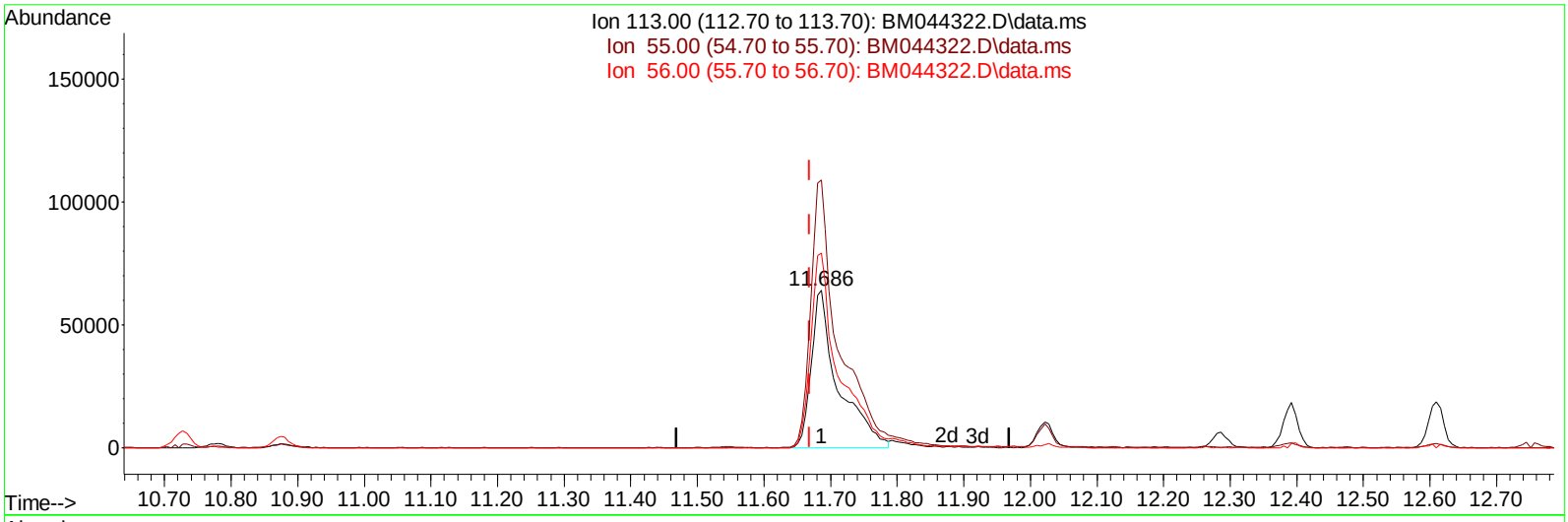
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022424\
Data File : BM044322.D
Acq On : 25 Feb 2024 08:00
Operator : MA/JU
Sample : PB159148BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

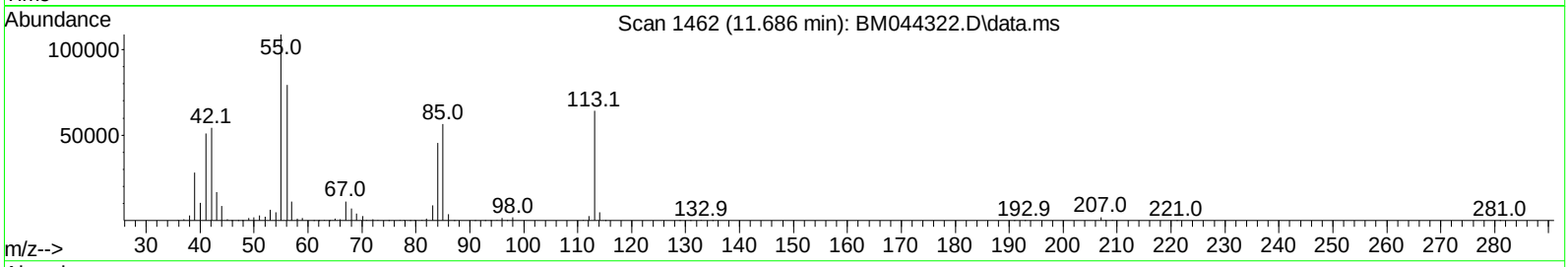
Quant Time: Feb 25 23:07:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Feb 25 22:57:38 2024
Response via : Initial Calibration

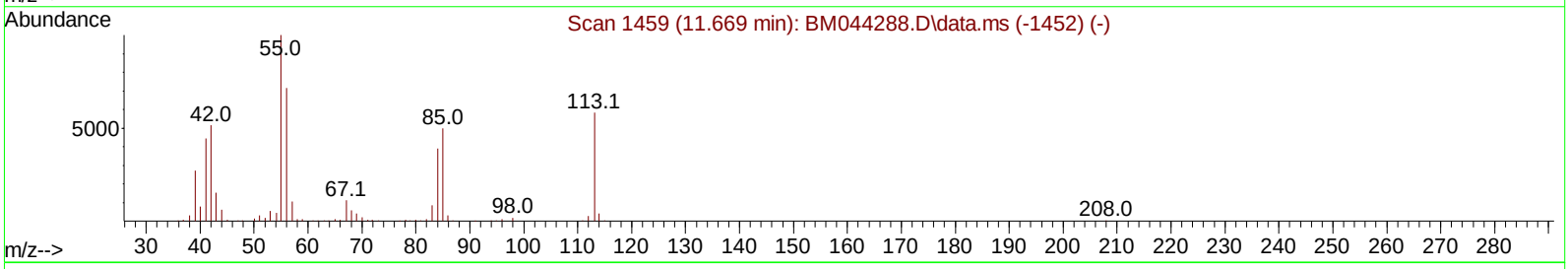
Instrument :
BNA_M
ClientSampleId :
SLCS148

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/26/2024
Supervised By :mohammad ahmed 02/26/2024







TIC: BM044322.D\data.ms

(34) Caprolactam

11.686min (+ 0.017) 34.02 ng/ul

response 180197

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	169.65
56.00	128.00	123.59
0.00	0.00	0.00

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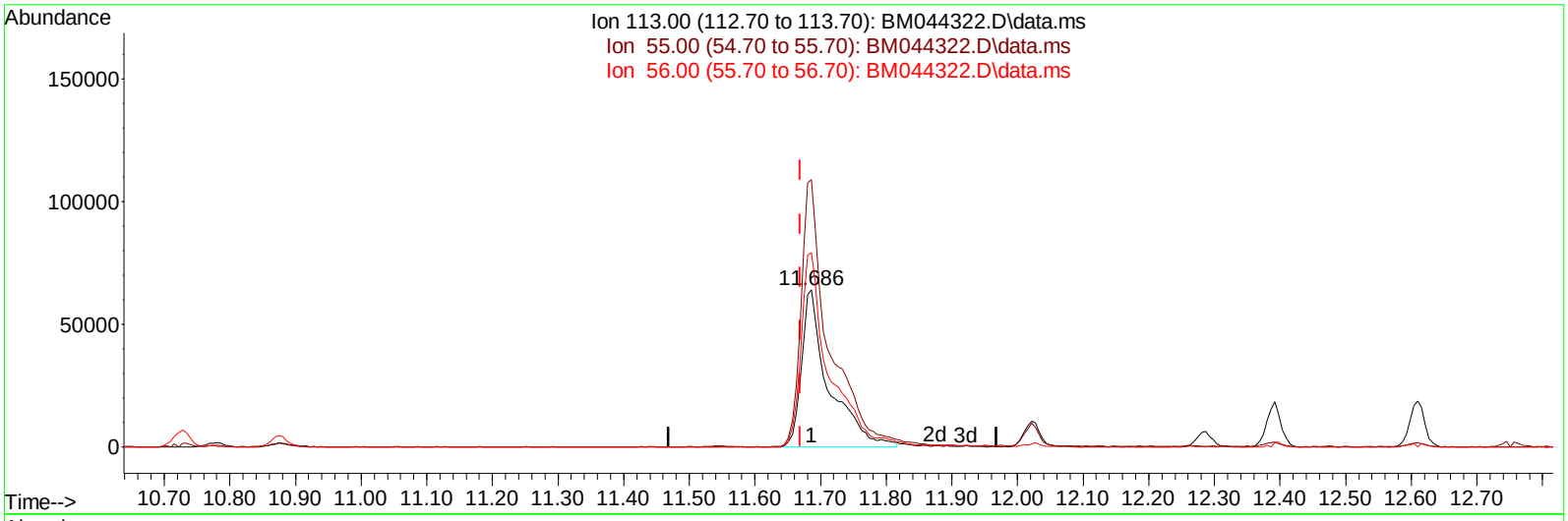

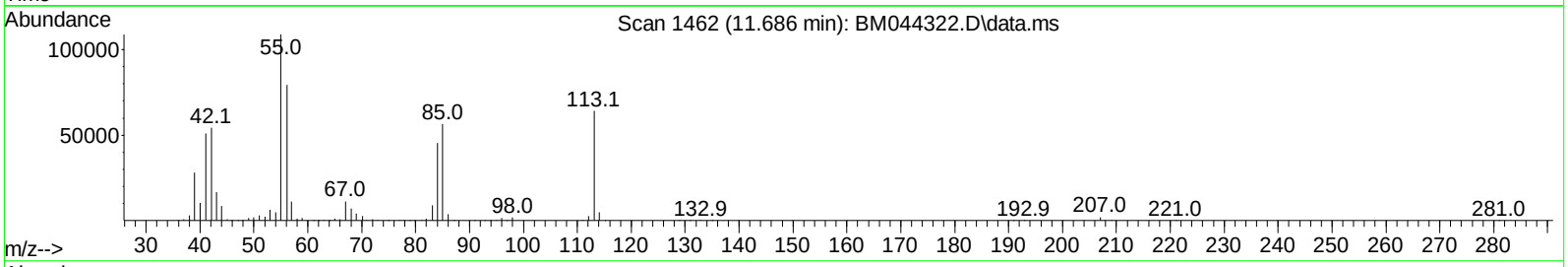

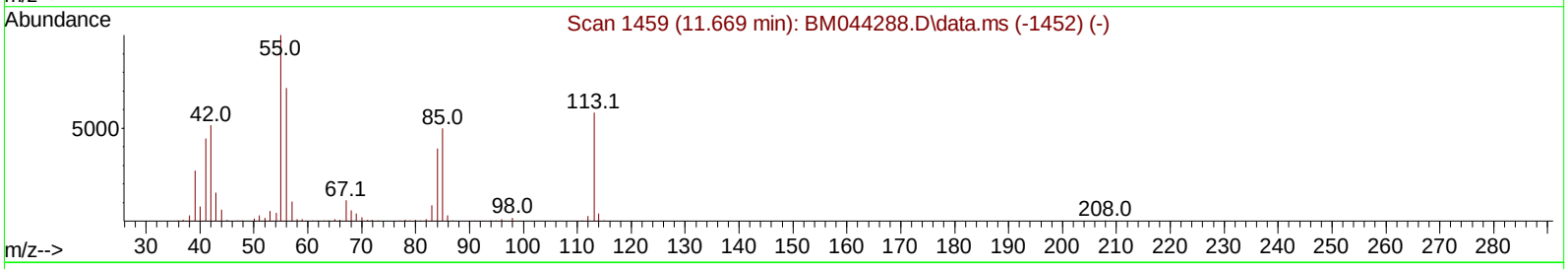

TIC: BM044322.D\data.ms

(34) Caprolactam

11.686min (+ 0.017) 34.77 ng/ul m

response 184158

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	169.65
56.00	128.00	123.59
0.00	0.00	0.00

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Acq On : 25 Feb 2024 08:00
Operator : MA/JU
Sample : PB159148BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Feb 26 01:42:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Feb 25 22:57:38 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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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	7.922	152	234561	20.000	ng/ul	0.00
20) Naphthalene-d8	10.727	136	1034695	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.568	164	617188	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.315	188	1302936	20.000	ng/ul	0.00
79) Chrysene-d12	21.515	240	1158087	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	1286432	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	43233	5.815	ng/uL	0.00
4) Pyridine-d5	3.769	84	625975	30.831	ng/ul	0.00
7) Phenol-d5	7.087	99	705792	31.410	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	441386	30.334	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	552451	32.644	ng/ul	0.01
15) 4-Methylphenol-d8	8.639	113	540017	31.762	ng/ul	0.01
21) Nitrobenzene-d5	9.092	128	269484	32.032	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	291407	33.951	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.351	165	513714	33.929	ng/ul	0.01
31) 4-Chloroaniline-d4	10.874	131	752853	29.606	ng/ul	0.01
46) Dimethylphthalate-d6	13.992	166	1561522	32.805	ng/ul	0.01
49) Acenaphthylene-d8	14.263	160	1803430	32.930	ng/ul	0.01
54) 4-Nitrophenol-d4	14.774	143	319194	33.699	ng/ul	0.01
60) Fluorene-d10	15.562	176	1336359	33.170	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	266805	33.002	ng/ul	0.00
73) Anthracene-d10	17.415	188	2002650	32.235	ng/ul	0.00
81) Pyrene-d10	19.715	212	2318427	33.276	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.774	264	2228721	33.810	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	93144	11.887	ng/uL	96
5) Pyridine	3.787	79	654758	30.825	ng/ul	97
6) Benzaldehyde	7.069	77	350113	35.895	ng/ul	99
8) Phenol	7.116	94	752192	32.204	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.357	93	612953	31.353	ng/ul	99
12) 2-Chlorophenol	7.481	128	586636	33.506	ng/ul	98
13) 2-Methylphenol	8.369	108	558726	32.469	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.451	45	820717	30.704	ng/ul	98
16) Acetophenone	8.757	105	897896	33.056	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.745	70	471894	34.680	ng/ul	99
18) 4-Methylphenol	8.704	108	604390	32.972	ng/ul	100
19) Hexachloroethane	8.992	117	235381	31.690	ng/ul	94
22) Nitrobenzene	9.139	77	665225	32.696	ng/ul	98
23) Isophorone	9.663	82	1329658	33.720	ng/ul	100
25) 2-Nitrophenol	9.845	139	323406	33.973	ng/ul	96
26) 2,4-Dimethylphenol	9.910	107	524972	28.881	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.157	93	834372	32.549	ng/ul	100
29) 2,4-Dichlorophenol	10.375	162	521168	34.011	ng/ul	100
30) Naphthalene	10.780	128	1875997	31.880	ng/ul	100
32) 4-Chloroaniline	10.898	127	634206	25.594	ng/ul	99
33) Hexachlorobutadiene	11.051	225	292468	31.681	ng/ul	98
34) Caprolactam	11.686	113	184158m	34.767	ng/ul	
35) 4-Chloro-3-methylphenol	12.021	107	590916	36.196	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.392	142	1238055	33.030	ng/ul	100
37) 1-Methylnaphthalene	12.610	142	1230944	33.221	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.751	216	574473	31.443	ng/ul	100
40) Hexachlorocyclopentadiene	12.727	237	329248	26.784	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	387328	33.259	ng/ul	99
42) 2,4,5-Trichlorophenol	13.068	196	427326	33.943	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	1591938	31.683	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	1262938	32.101	ng/ul	100
45) 2-Nitroaniline	13.657	65	391067	35.902	ng/ul	98
47) Dimethylphthalate	14.039	163	1631723	33.540	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	326754	35.914	ng/ul	97
50) Acenaphthylene	14.292	152	2123290	32.732	ng/ul	99
51) 3-Nitroaniline	14.486	138	352636	36.740	ng/ul	96
52) Acenaphthene	14.633	153	1381876	32.269	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	185107	32.788	ng/ul	98
55) 4-Nitrophenol	14.792	109	222834	34.246	ng/ul	95
56) Dibenzofuran	14.968	168	1870300	32.534	ng/ul	100
57) 2,4-Dinitrotoluene	14.945	165	478554	36.613	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.192	232	337603	33.321	ng/ul	98
59) Diethylphthalate	15.404	149	1733128	34.609	ng/ul	99
61) Fluorene	15.615	166	1543095	33.420	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.615	204	726114	33.368	ng/ul	97
63) 4-Nitroaniline	15.651	138	383194	41.277	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.704	198	287593	32.519	ng/ul	99
67) N-Nitrosodiphenylamine	15.833	169	1315683	33.321	ng/ul	99
68) 4-Bromophenyl-phenylether	16.515	248	419742	32.424	ng/ul	94
69) Hexachlorobenzene	16.609	284	484266	32.683	ng/ul	99
70) Atrazine	16.792	200	290444	22.456	ng/ul	97
71) Pentachlorophenol	16.962	266	293461	30.054	ng/ul	98
72) Phenanthrene	17.362	178	2455278	32.849	ng/ul	100
74) Anthracene	17.451	178	2463919	32.740	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	577227	31.649	ng/uL	99
76) Pentachlorobenzene	14.880	250	551335	31.665	ng/uL	98
77) Carbazole	17.727	167	2356239	33.298	ng/ul	100
78) Di-n-butylphthalate	18.303	149	3224055	35.984	ng/ul	100
80) Fluoranthene	19.380	202	2810267	33.632	ng/ul	100
82) Pyrene	19.745	202	2937033	33.516	ng/ul	99
83) Butylbenzylphthalate	20.662	149	1478273	37.558	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.444	252	884873	34.160	ng/ul	99
85) Benzo(a)anthracene	21.503	228	2929011	33.912	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	2311615	38.360	ng/ul	99
87) Chrysene	21.556	228	2735958	33.699	ng/ul	99
89) Di-n-octyl phthalate	22.391	149	4032588	36.587	ng/ul	100
90) Benzo(b)fluoranthene	23.191	252	2834718	34.372	ng/ul	100
91) Benzo(k)fluoranthene	23.244	252	2933903	34.637	ng/ul	100
93) Benzo(a)pyrene	23.821	252	2716854	34.169	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.432	276	3246928	33.768	ng/ul	99
95) Dibenzo(a,h)anthracene	26.462	278	2752561	34.256	ng/ul	99
96) Benzo(g,h,i)perylene	27.203	276	2581545	33.190	ng/ul	97

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

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