Quantitation Report (Qedit)

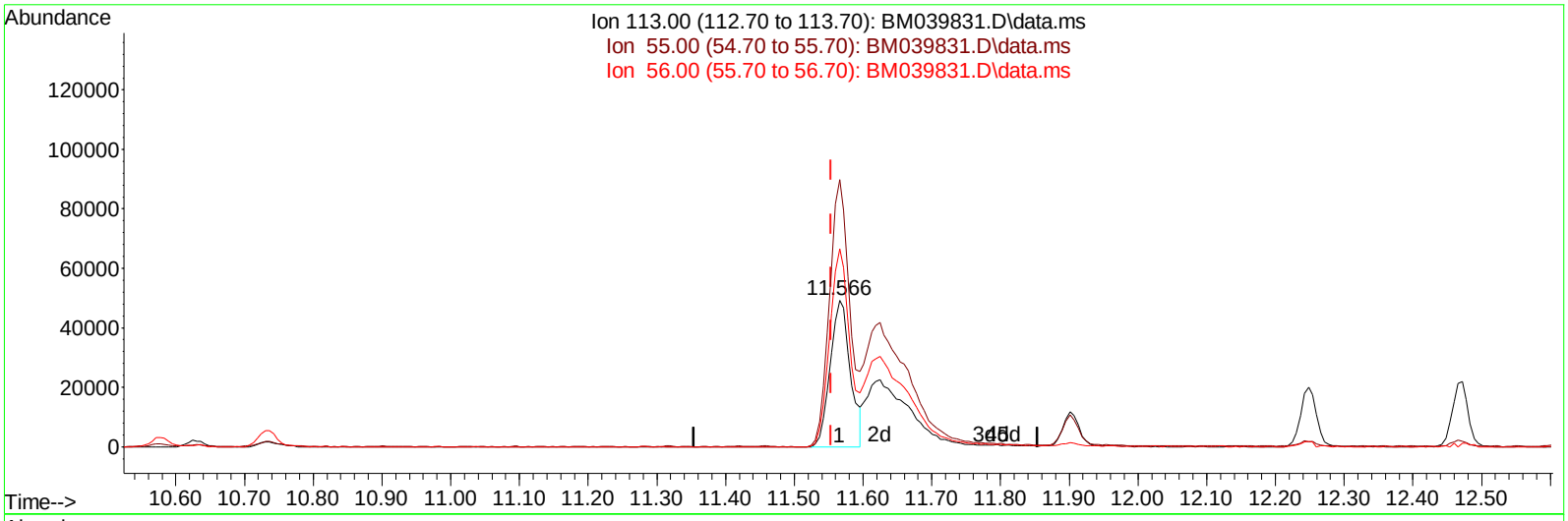
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050323\
Data File : BM039831.D
Acq On : 03 May 2023 19:39
Operator : CG/JU
Sample : SSTD08055
Misc :
ALS Vial : 6 Sample Multiplier: 1

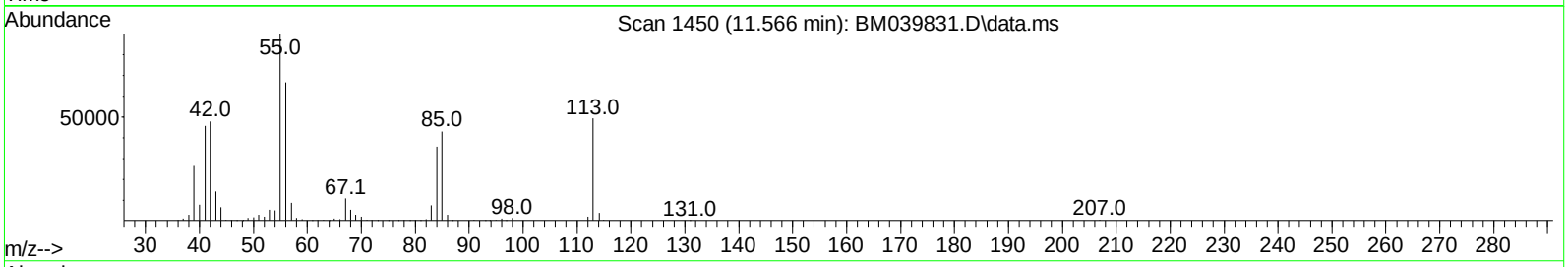
Quant Time: May 04 00:00:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 03 23:57:35 2023
Response via : Initial Calibration

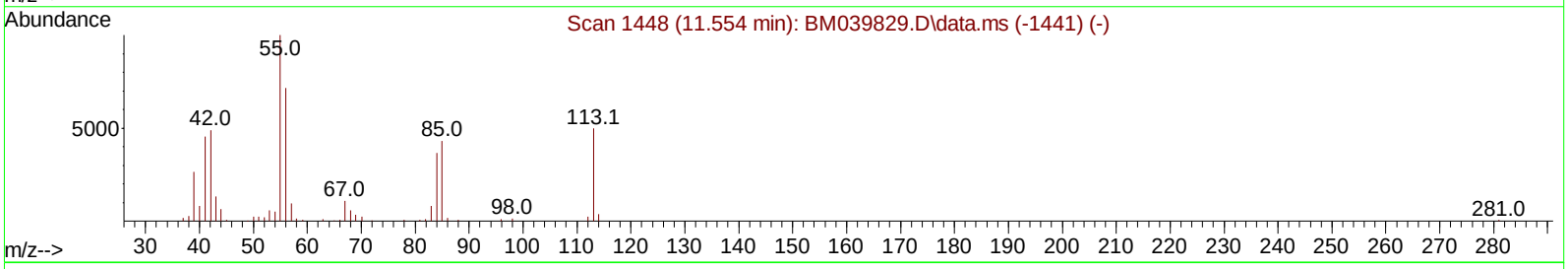
Instrument :
BNA_M
ClientSampleId :
SSTD080017

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023







TIC: BM039831.D\data.ms

(34) Caprolactam

11.566min (+ 0.012) 41.33 ng/ul

response 99754

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	203.70	182.22
56.00	143.80	135.31
0.00	0.00	0.00

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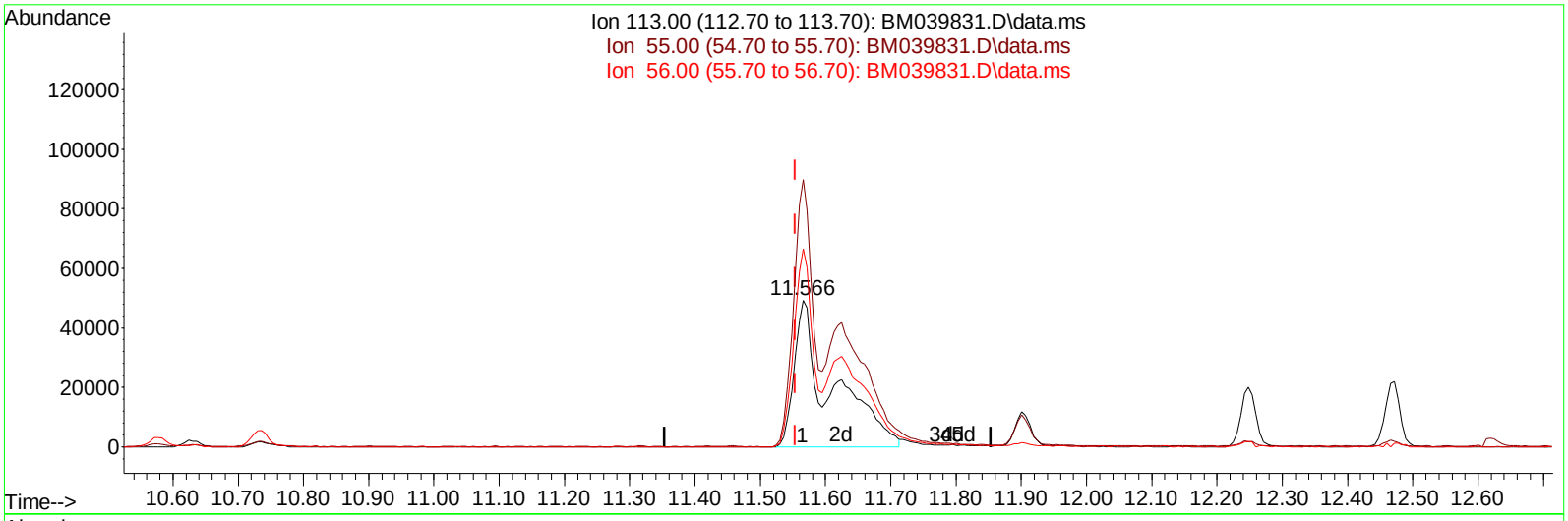

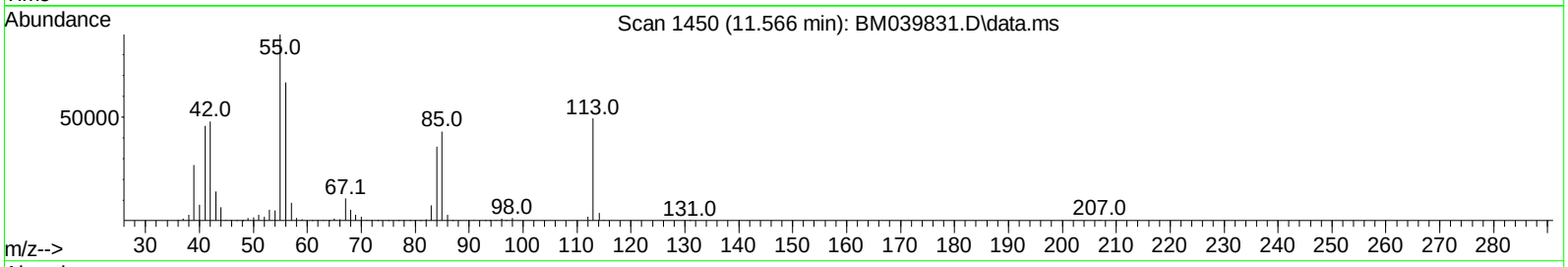

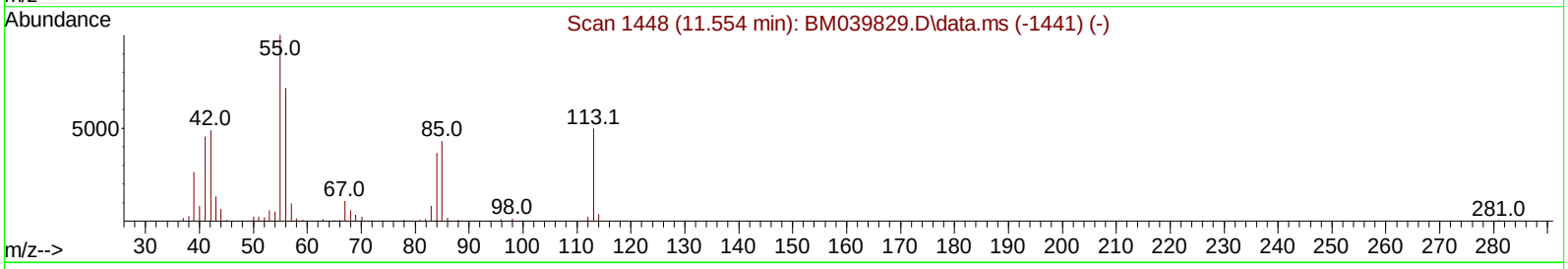

TIC: BM039831.D\data.ms

(34) Caprolactam

11.566min (+ 0.012) 80.30 ng/ul m

response 193829

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	203.70	182.22
56.00	143.80	135.31
0.00	0.00	0.00

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Acq On : 03 May 2023 19:39
Operator : CG/JU
Sample : SSTD08055
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 04 00:44:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 03 23:57:35 2023
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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	7.772	152	99703	20.000	ng/ul	0.00
20) Naphthalene-d8	10.578	136	423299	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.436	164	251023	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	516668	20.000	ng/ul	0.00
79) Chrysene-d12	21.400	240	481549	20.000	ng/ul	0.00
88) Perylene-d12	23.747	264	509275	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	88436	34.047	ng/uL	0.00
4) Pyridine-d5	3.596	84	631985	86.591	ng/ul	0.00
7) Phenol-d5	6.960	99	761075	83.402	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.113	67	496234	82.274	ng/ul	0.00
11) 2-Chlorophenol-d4	7.307	132	605246	84.552	ng/ul	0.00
15) 4-Methylphenol-d8	8.513	113	593457	80.735	ng/ul	0.00
21) Nitrobenzene-d5	8.948	128	305552	89.722	ng/ul	0.00
24) 2-Nitrophenol-d4	9.672	143	348123	91.035	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.213	165	581729	88.410	ng/ul	0.00
31) 4-Chloroaniline-d4	10.730	131	815025	82.935	ng/ul	0.00
46) Dimethylphthalate-d6	13.860	166	1674459	82.711	ng/ul	0.00
49) Acenaphthylene-d8	14.130	160	1945750	85.553	ng/ul	0.00
54) 4-Nitrophenol-d4	14.689	143	263772	86.090	ng/ul	0.00
60) Fluorene-d10	15.436	176	1380847	83.252	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.589	200	308773	89.932	ng/ul	0.00
73) Anthracene-d10	17.295	188	2115758	85.150	ng/ul	0.00
81) Pyrene-d10	19.600	212	2421574	75.677	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.606	264	2265862	82.409	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.207	88	97121	34.168	ng/uL	96
5) Pyridine	3.613	79	667111	86.686	ng/ul	98
6) Benzaldehyde	6.919	77	272233	69.827	ng/ul	100
8) Phenol	6.989	94	801370	84.347	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.207	93	633267	79.944	ng/ul	98
12) 2-Chlorophenol	7.337	128	608831	84.524	ng/ul	99
13) 2-Methylphenol	8.236	108	595591	80.708	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.301	45	922759	83.870	ng/ul	97
16) Acetophenone	8.613	105	983522	81.458	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.601	70	535419	80.122	ng/ul	98
18) 4-Methylphenol	8.572	108	646025	81.085	ng/ul	99
19) Hexachloroethane	8.842	117	275119	84.096	ng/ul	98
22) Nitrobenzene	8.995	77	756167	89.927	ng/ul	98
23) Isophorone	9.519	82	1503130	83.830	ng/ul	99
25) 2-Nitrophenol	9.701	139	356607	89.376	ng/ul	99
26) 2,4-Dimethylphenol	9.772	107	707184	86.732	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.001	93	864789	82.019	ng/ul	99
29) 2,4-Dichlorophenol	10.242	162	565296	87.216	ng/ul	98
30) Naphthalene	10.630	128	1946480	83.109	ng/ul	100
32) 4-Chloroaniline	10.754	127	810800	83.732	ng/ul	100
33) Hexachlorobutadiene	10.901	225	360053	84.304	ng/ul	98
34) Caprolactam	11.566	113	193829m	80.304	ng/ul	
35) 4-Chloro-3-methylphenol	11.901	107	647356	85.542	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.248	142	1275838	81.260	ng/ul	99
37) 1-Methylnaphthalene	12.471	142	1271826	80.608	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.619	216	655714	87.025	ng/ul	99
40) Hexachlorocyclopentadiene	12.583	237	250319	55.760	ng/ul	93
41) 2,4,6-Trichlorophenol	12.871	196	445105	88.425	ng/ul	98
42) 2,4,5-Trichlorophenol	12.954	196	473569	90.520	ng/ul	99
43) 1,1'-Biphenyl	13.266	154	1673037	86.241	ng/ul	98
44) 2-Chloronaphthalene	13.313	162	1312434	86.243	ng/ul	99
45) 2-Nitroaniline	13.536	65	449388	102.330	ng/ul	99
47) Dimethylphthalate	13.907	163	1665065	83.071	ng/ul	99
48) 2,6-Dinitrotoluene	14.036	165	358304	88.386	ng/ul	99
50) Acenaphthylene	14.160	152	2087391	85.802	ng/ul	100
51) 3-Nitroaniline	14.371	138	311756	82.048	ng/ul	99
52) Acenaphthene	14.501	153	1412142	84.308	ng/ul	98
53) 2,4-Dinitrophenol	14.595	184	196063	90.859	ng/ul	99
55) 4-Nitrophenol	14.701	109	217509	93.463	ng/ul	98
56) Dibenzofuran	14.842	168	1923689	84.496	ng/ul	99
57) 2,4-Dinitrotoluene	14.836	165	511484	90.805	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.077	232	392682	83.854	ng/ul	98
59) Diethylphthalate	15.265	149	1695293	81.590	ng/ul	99
61) Fluorene	15.489	166	1593280	84.601	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.483	204	779783	83.538	ng/ul	100
63) 4-Nitroaniline	15.542	138	220343	75.622	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.607	198	295291	89.456	ng/ul#	91
67) N-Nitrosodiphenylamine	15.707	169	1306545	84.876	ng/ul	99
68) 4-Bromophenyl-phenylether	16.377	248	467674	83.807	ng/ul	99
69) Hexachlorobenzene	16.495	284	533147	83.164	ng/ul	98
70) Atrazine	16.665	200	468684	82.052	ng/ul	100
71) Pentachlorophenol	16.854	266	292168	77.961	ng/ul	98
72) Phenanthrene	17.236	178	2427214	84.619	ng/ul	99
74) Anthracene	17.330	178	2480216	86.191	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.230	216	677303	88.021	ng/uL	99
76) Pentachlorobenzene	14.760	250	647576	85.501	ng/uL	98
77) Carbazole	17.612	167	2218586	86.763	ng/ul	100
78) Di-n-butylphthalate	18.159	149	3028463	83.734	ng/ul	99
80) Fluoranthene	19.259	202	2844718	75.847	ng/ul	98
82) Pyrene	19.630	202	2933276	75.547	ng/ul	99
83) Butylbenzylphthalate	20.524	149	1417114	77.322	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.318	252	978817	91.661	ng/ul	100
85) Benzo(a)anthracene	21.383	228	2828719	81.216	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.300	149	2095935	76.900	ng/ul	100
87) Chrysene	21.436	228	2659719	80.056	ng/ul	100
89) Di-n-octyl phthalate	22.206	149	3517130	68.735	ng/ul	100
90) Benzo(b)fluoranthene	23.041	252	2818302	78.649	ng/ul	99
91) Benzo(k)fluoranthene	23.088	252	2807599	79.780	ng/ul	99
93) Benzo(a)pyrene	23.653	252	2476748	81.999	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.206	276	3253329	97.923	ng/ul	99
95) Dibenzo(a,h)anthracene	26.212	278	2707761	98.299	ng/ul	99
96) Benzo(g,h,i)perylene	26.953	276	2600486	98.257	ng/ul	100

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

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