Quantitation Report (Qedit)

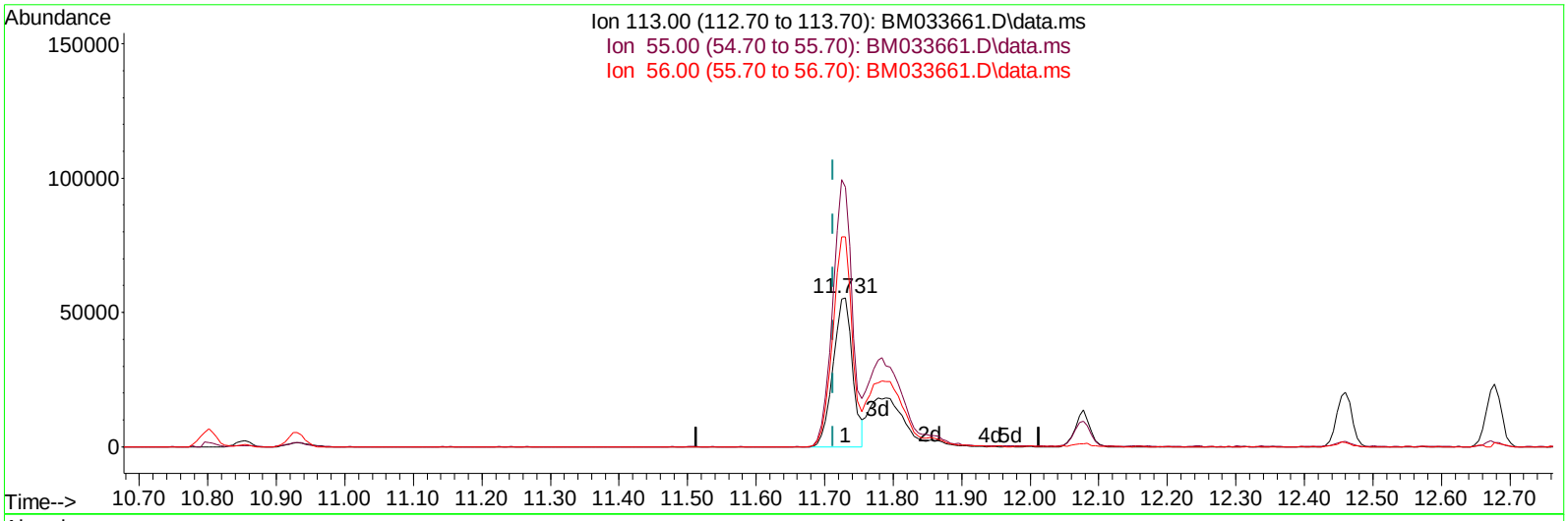
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010622\
Data File : BM033661.D
Acq On : 06 Jan 2022 13:12
Operator : CG/JU
Sample : SSTD04021
Misc :
ALS Vial : 5 Sample Multiplier: 1

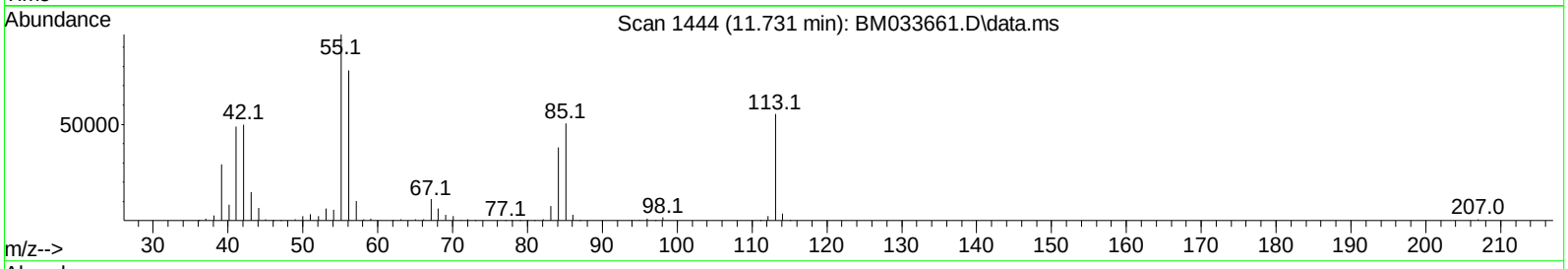
Quant Time: Jan 06 15:19:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 15:17:08 2022
Response via : Initial Calibration

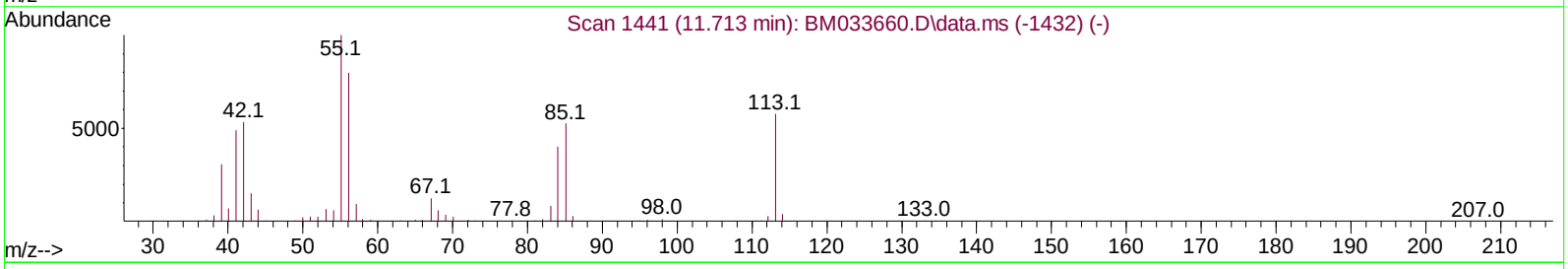
Instrument :
BNA_M
ClientSampleId :
SSTD040021

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/07/2022
Supervised By :mohammad ahmed 01/12/2022







TIC: BM033661.D\data.ms

(34) Caprolactam

11.731min (+ 0.018) 25.27 ng/ul

response 109027

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	174.00
56.00	164.70	140.73
0.00	0.00	0.00

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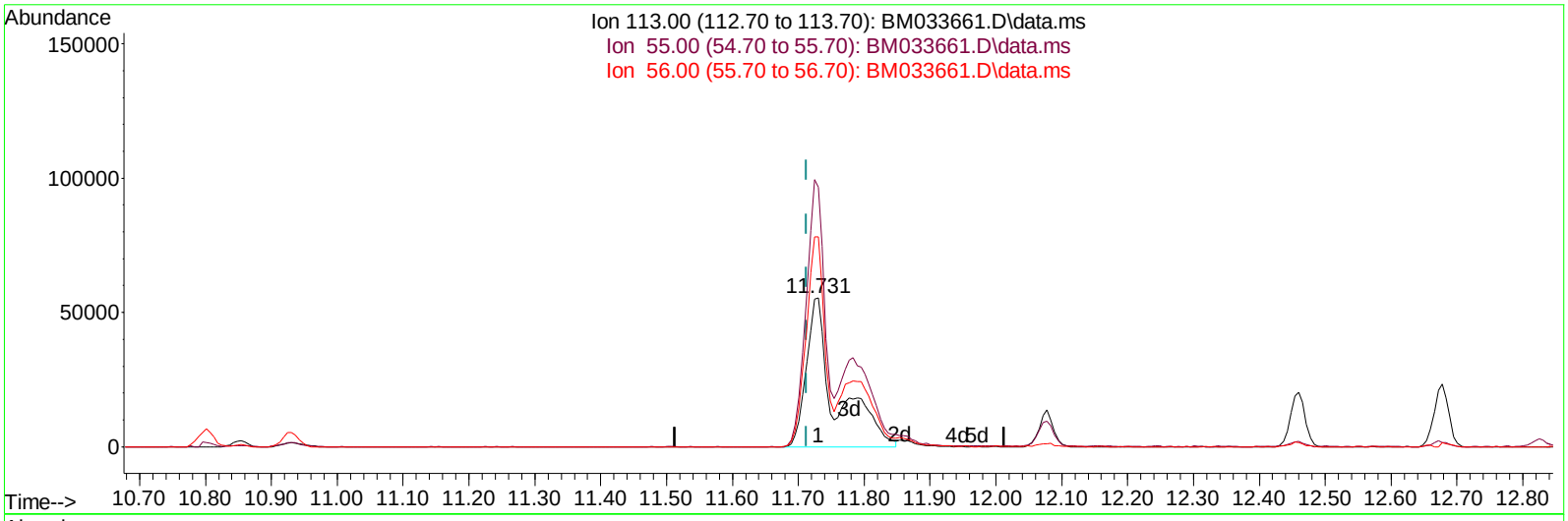

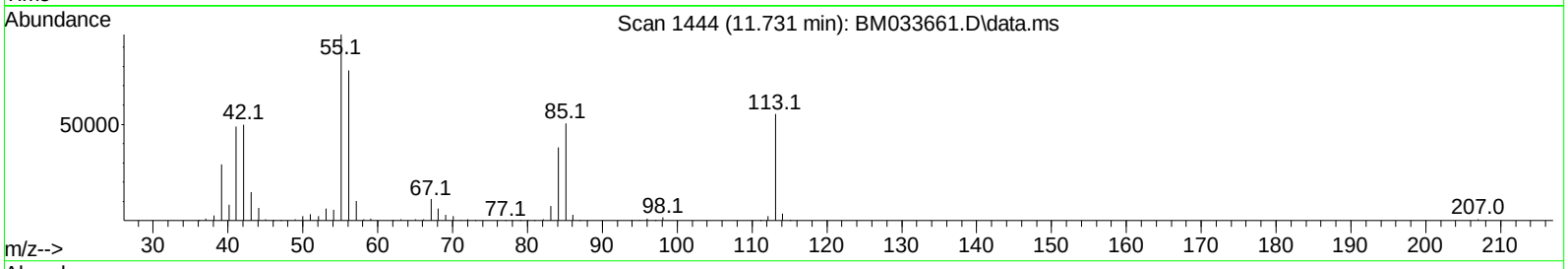

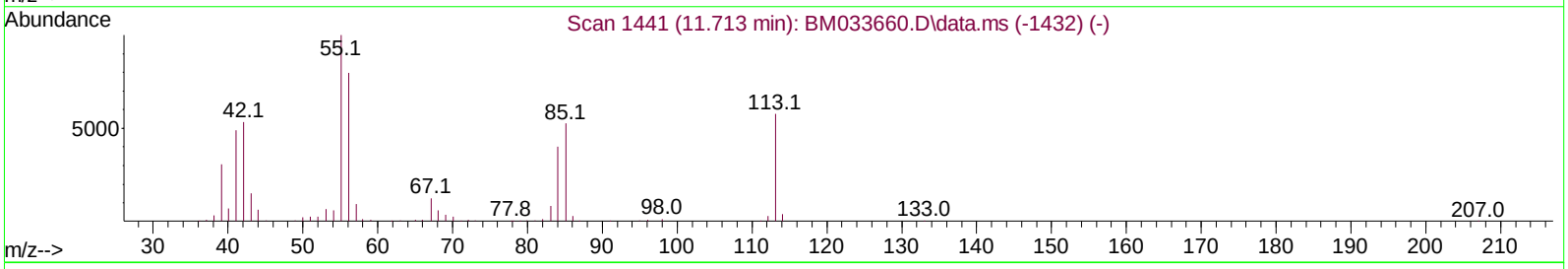

TIC: BM033661.D\data.ms

(34) Caprolactam

11.731min (+ 0.018) 40.00 ng/ul m

response 172596

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	174.00
56.00	164.70	140.73
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	181284	20.000	ng/ul	0.00
20) Naphthalene-d8	10.801	136	803451	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.624	164	532875	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.360	188	1149430	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	1192482	20.000	ng/ul	0.00
88) Perylene-d12	23.953	264	1178002	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	71278	14.775	ng/uL	0.00
4) Pyridine-d5	3.749	84	517254	36.981	ng/ul	0.00
7) Phenol-d5	7.131	99	634459	36.960	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.301	67	383283	34.105	ng/ul	0.00
11) 2-Chlorophenol-d4	7.507	132	494637	41.156	ng/ul	0.00
15) 4-Methylphenol-d8	8.695	113	522507	38.887	ng/ul	0.00
21) Nitrobenzene-d5	9.148	128	256506	39.346	ng/ul	0.00
24) 2-Nitrophenol-d4	9.872	143	278566	41.648	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.419	165	512761	40.565	ng/ul	0.00
31) 4-Chloroaniline-d4	10.931	131	733709	39.150	ng/ul	0.00
46) Dimethylphthalate-d6	14.030	166	1642999	41.266	ng/ul	0.00
49) Acenaphthylene-d8	14.313	160	1975303	40.021	ng/ul	0.00
54) 4-Nitrophenol-d4	14.801	143	321560	44.481	ng/ul	0.00
60) Fluorene-d10	15.613	176	1355031	38.048	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.724	200	275383	39.695	ng/ul	0.01
73) Anthracene-d10	17.460	188	2192971	38.604	ng/ul	0.00
81) Pyrene-d10	19.742	212	2543276	38.160	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.800	264	2425200	37.982	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.360	88	77043	14.348	ng/uL#	87
5) Pyridine	3.766	79	526723	36.564	ng/ul	89
6) Benzaldehyde	7.107	77	406640	42.519	ng/ul	86
8) Phenol	7.160	94	647909	36.642	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.396	93	504514	37.927	ng/ul	93
12) 2-Chlorophenol	7.543	128	515226	41.456	ng/ul#	89
13) 2-Methylphenol	8.425	108	500979	39.079	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.519	45	712788	31.055	ng/ul	97
16) Acetophenone	8.813	105	814645	36.600	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.801	70	432654	35.562	ng/ul	89
18) 4-Methylphenol	8.760	108	549285	39.162	ng/ul	99
19) Hexachloroethane	9.078	117	218461	34.793	ng/ul#	85
22) Nitrobenzene	9.190	77	629154	32.963	ng/ul	92
23) Isophorone	9.725	82	1222483	37.404	ng/ul	96
25) 2-Nitrophenol	9.907	139	300103	42.321	ng/ul#	82
26) 2,4-Dimethylphenol	9.966	107	656436	38.180	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.207	93	710477	38.652	ng/ul	98
29) 2,4-Dichlorophenol	10.442	162	512531	40.055	ng/ul	96
30) Naphthalene	10.854	128	1713011	38.259	ng/ul	98
32) 4-Chloroaniline	10.954	127	741698	39.377	ng/ul	98
33) Hexachlorobutadiene	11.148	225	344845	36.818	ng/ul	98
34) Caprolactam	11.731	113	172596m	39.997	ng/ul	
35) 4-Chloro-3-methylphenol	12.078	107	630530	41.980	ng/ul	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.460	142	1187192	39.099	ng/ul	100
37) 1-Methylnaphthalene	12.678	142	1209476	38.329	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.825	216	625401	38.953	ng/ul	96
40) Hexachlorocyclopentadiene	12.813	237	407776	38.915	ng/ul	99
41) 2,4,6-Trichlorophenol	13.060	196	417920	44.222	ng/ul	96
42) 2,4,5-Trichlorophenol	13.130	196	458001	44.735	ng/ul	94
43) 1,1'-Biphenyl	13.460	154	1616500	39.652	ng/ul	99
44) 2-Chloronaphthalene	13.501	162	1218244	38.841	ng/ul	98
45) 2-Nitroaniline	13.695	65	429122	38.364	ng/ul#	83
47) Dimethylphthalate	14.077	163	1634085	41.335	ng/ul	100
48) 2,6-Dinitrotoluene	14.189	165	339828	44.469	ng/ul	94
50) Acenaphthylene	14.342	152	2064430	40.172	ng/ul	99
51) 3-Nitroaniline	14.513	138	352333	46.840	ng/ul	89
52) Acenaphthene	14.683	153	1337411	39.213	ng/ul	98
53) 2,4-Dinitrophenol	14.719	184	195711	43.579	ng/ul	86
55) 4-Nitrophenol	14.819	109	309059	39.555	ng/ul	86
56) Dibenzofuran	15.019	168	1911449	38.647	ng/ul	100
57) 2,4-Dinitrotoluene	14.971	165	500951	44.623	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.242	232	396105	45.512	ng/ul	97
59) Diethylphthalate	15.442	149	1734783	42.281	ng/ul	100
61) Fluorene	15.666	166	1534846	37.742	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.660	204	773647	38.137	ng/ul	98
63) 4-Nitroaniline	15.677	138	353843	45.808	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.736	198	277484	40.153	ng/ul#	91
67) N-Nitrosodiphenylamine	15.866	169	1371438	40.580	ng/ul	99
68) 4-Bromophenyl-phenylether	16.548	248	454168	39.229	ng/ul	96
69) Hexachlorobenzene	16.671	284	543695	40.759	ng/ul	94
70) Atrazine	16.818	200	550245	41.033	ng/ul	99
71) Pentachlorophenol	17.007	266	358692	47.954	ng/ul	97
72) Phenanthrene	17.401	178	2532135	38.186	ng/ul	99
74) Anthracene	17.495	178	2582582	38.415	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.430	216	676472	40.806	ng/uL	98
76) Pentachlorobenzene	14.942	250	633242	38.681	ng/uL	98
77) Carbazole	17.754	167	2369255	38.992	ng/ul	98
78) Di-n-butylphthalate	18.330	149	3043807	44.644	ng/ul	99
80) Fluoranthene	19.406	202	3028931	38.556	ng/ul	99
82) Pyrene	19.771	202	3095436	37.638	ng/ul	98
83) Butylbenzylphthalate	20.659	149	1434351	45.531	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.436	252	1086342	40.081	ng/ul	97
85) Benzo(a)anthracene	21.506	228	3043054	38.840	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.442	149	2153761	47.569	ng/ul	99
87) Chrysene	21.559	228	2948143	38.286	ng/ul	99
89) Di-n-octyl phthalate	22.371	149	3809936	44.112	ng/ul	100
90) Benzo(b)fluoranthene	23.212	252	3134559	38.837	ng/ul	100
91) Benzo(k)fluoranthene	23.259	252	2887685	38.641	ng/ul	99
93) Benzo(a)pyrene	23.847	252	2921345	37.722	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.500	276	2954421	35.079	ng/ul	96
95) Dibenzo(a,h)anthracene	26.518	278	2557851	34.915	ng/ul	97
96) Benzo(g,h,i)perylene	27.282	276	2403489	33.458	ng/ul	98

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

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