Quantitation Report (Qedit)

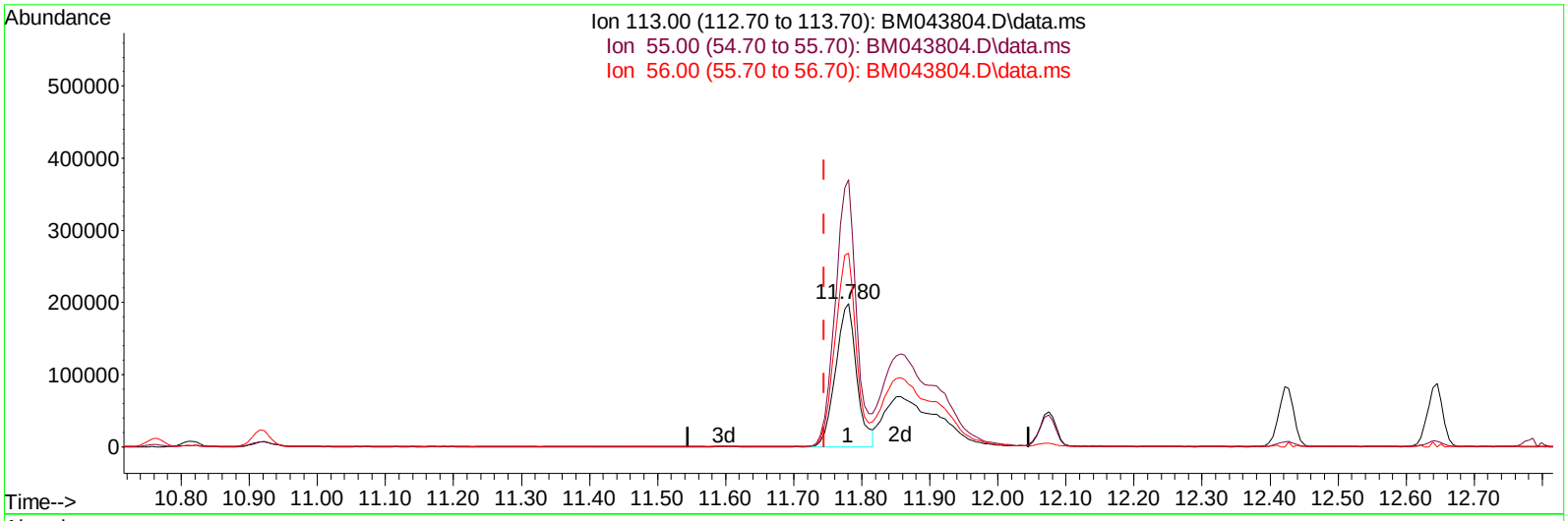
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010924\
Data File : BM043804.D
Acq On : 09 Jan 2024 16:02
Operator : MA/JU
Sample : SSTD08085
Misc :
ALS Vial : 7 Sample Multiplier: 1

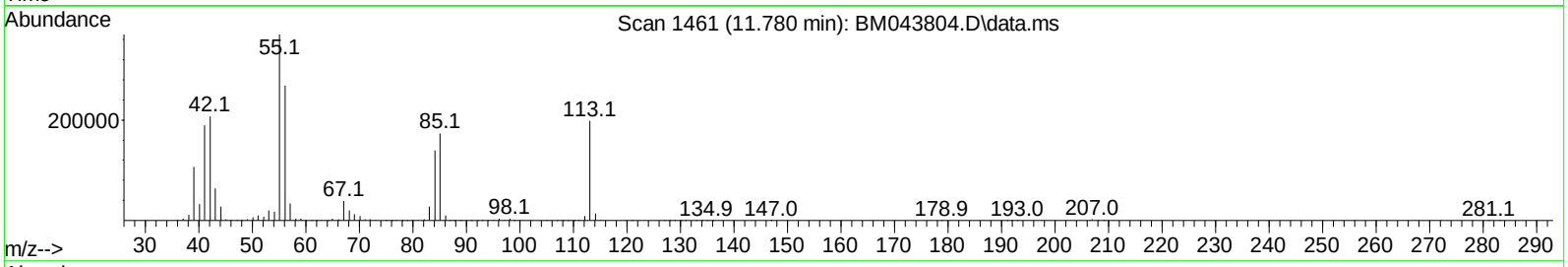
Quant Time: Jan 09 16:59:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 15:57:01 2024
Response via : Initial Calibration

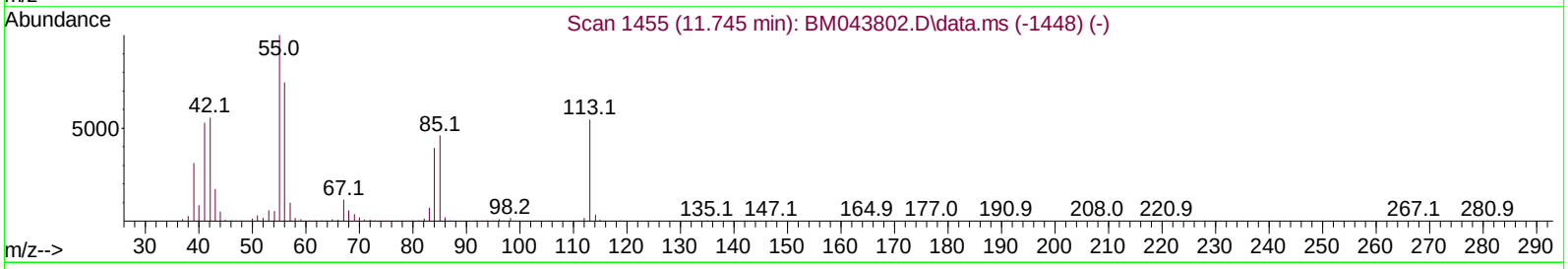
Instrument :
BNA_M
ClientSampleId :
SSTD080003

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/10/2024
Supervised By :mohammad ahmed 01/11/2024







TIC: BM043804.D\data.ms

(34) Caprolactam

11.780min (+ 0.035) 47.30 ng/ul

response 425580

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.10	186.40
56.00	137.40	134.98
0.00	0.00	0.00

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ClientSampleId :
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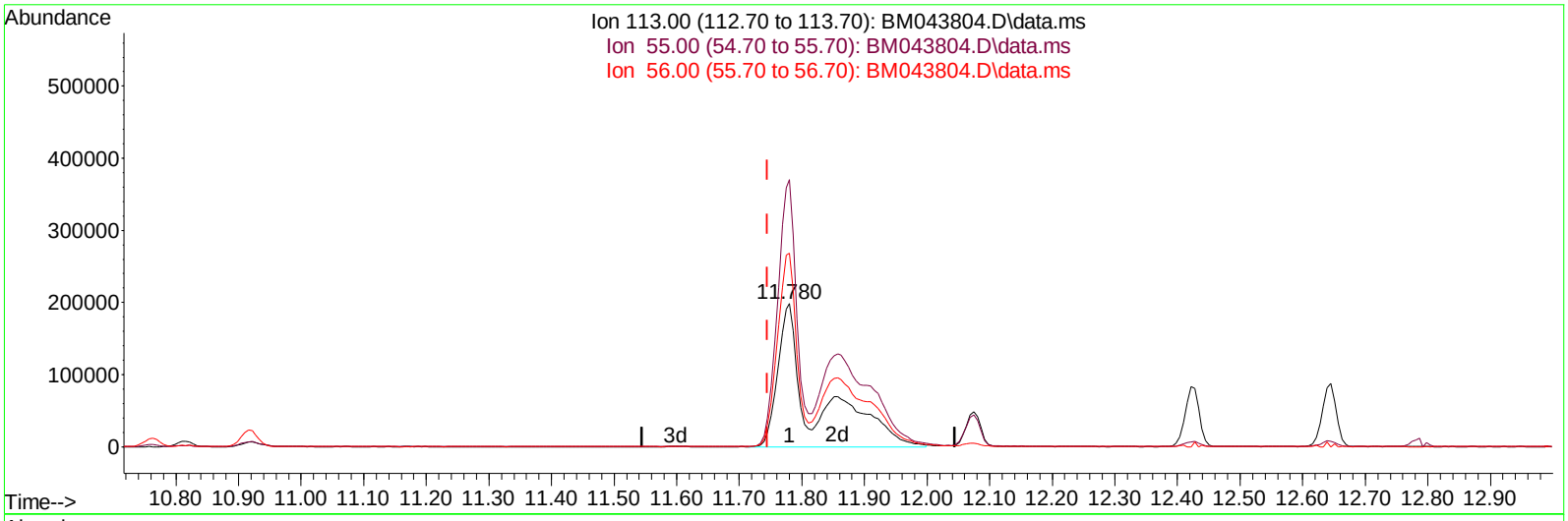

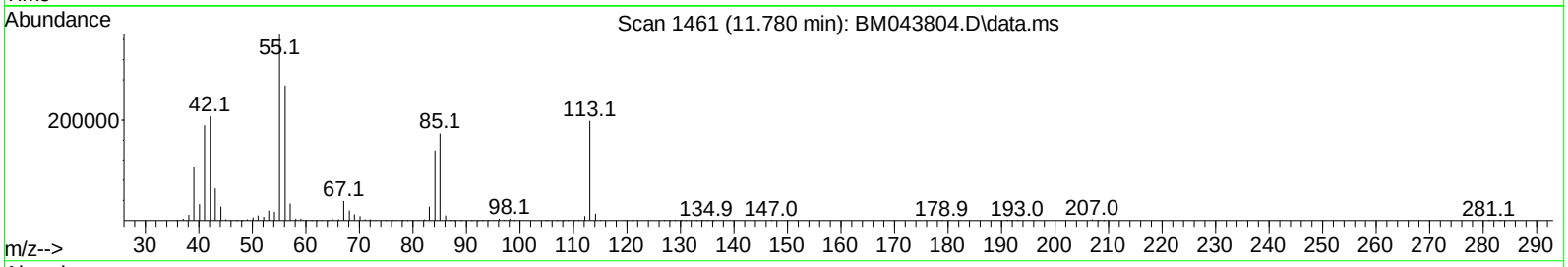

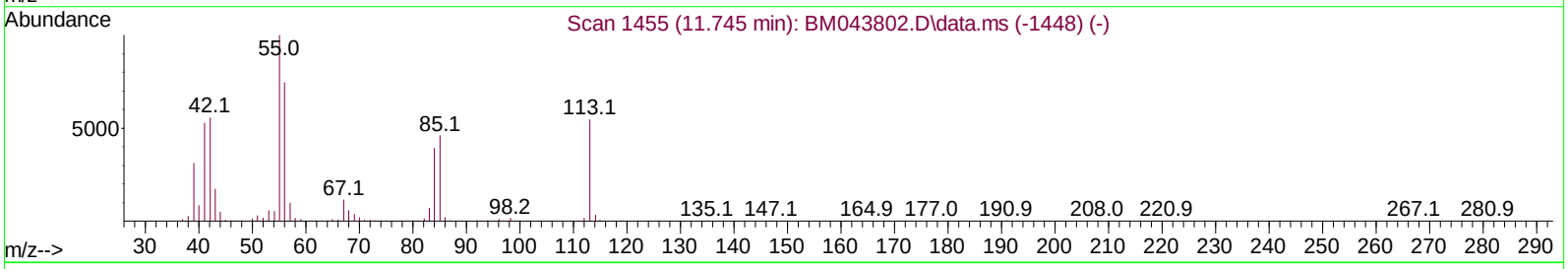

TIC: BM043804.D\data.ms

(34) Caprolactam

11.780min (+ 0.035) 90.11 ng/ul m

response 810792

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.10	186.40
56.00	137.40	134.98
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTD08085
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 09 17:01:13 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 15:57:01 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080003

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	376364	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1641154	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	970726	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1968609	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1630485	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	1361677	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	324109	29.524	ng/uL	0.00
4) Pyridine-d5	3.775	84	2536992	79.448	ng/ul	0.00
7) Phenol-d5	7.128	99	3241558	78.979	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	1964789	75.978	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	2480555	78.810	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	2561348	79.928	ng/ul	0.01
21) Nitrobenzene-d5	9.134	128	1254993	82.031	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	1454147	90.154	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	2552849	89.489	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	3656041	87.009	ng/ul	0.01
46) Dimethylphthalate-d6	14.022	166	7087894	82.822	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	8232995	81.863	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	1352044	84.315	ng/ul	0.02
60) Fluorene-d10	15.592	176	6006942	84.427	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	1223449	93.858	ng/ul	0.01
73) Anthracene-d10	17.451	188	8979802	83.515	ng/ul	0.00
81) Pyrene-d10	19.745	212	9669658	78.965	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	7009304	85.691	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	339744	27.863	ng/uL	98
5) Pyridine	3.799	79	2579820	78.512	ng/ul	95
6) Benzaldehyde	7.098	77	980723	49.875	ng/ul	99
8) Phenol	7.157	94	3252203	80.475	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.387	93	2568358	78.150	ng/ul	100
12) 2-Chlorophenol	7.516	128	2548737	79.216	ng/ul	99
13) 2-Methylphenol	8.410	108	2505962	81.041	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	4272633	77.328	ng/ul	99
16) Acetophenone	8.798	105	3920439	79.825	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.792	70	2179699	74.348	ng/ul	99
18) 4-Methylphenol	8.751	108	2679118	79.889	ng/ul	97
19) Hexachloroethane	9.022	117	1064459	78.361	ng/ul	95
22) Nitrobenzene	9.181	77	2993108	79.021	ng/ul	96
23) Isophorone	9.716	82	6062947	78.219	ng/ul	100
25) 2-Nitrophenol	9.886	139	1498816	87.640	ng/ul	99
26) 2,4-Dimethylphenol	9.945	107	2799466	91.052	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.186	93	3537469	77.538	ng/ul	100
29) 2,4-Dichlorophenol	10.422	162	2478165	88.961	ng/ul	100
30) Naphthalene	10.816	128	8156215	80.119	ng/ul	99
32) 4-Chloroaniline	10.945	127	3544401	87.940	ng/ul	99
33) Hexachlorobutadiene	11.075	225	1367216	94.662	ng/ul	99
34) Caprolactam	11.780	113	810792m	90.110	ng/ul	
35) 4-Chloro-3-methylphenol	12.075	107	2631039	81.243	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.422	142	5695188	81.724	ng/ul	99
37) 1-Methylnaphthalene	12.645	142	5610549	79.941	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	2694010	91.866	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	1790493	98.473	ng/ul	99
41) 2,4,6-Trichlorophenol	13.039	196	1926092	92.374	ng/ul	100
42) 2,4,5-Trichlorophenol	13.116	196	2030641	91.777	ng/ul	99
43) 1,1'-Biphenyl	13.433	154	7341887	81.746	ng/ul	99
44) 2-Chloronaphthalene	13.480	162	5641719	81.826	ng/ul	99
45) 2-Nitroaniline	13.704	65	1843842	80.299	ng/ul	98
47) Dimethylphthalate	14.074	163	7081409	83.456	ng/ul	100
48) 2,6-Dinitrotoluene	14.204	165	1501899	91.028	ng/ul	94
50) Acenaphthylene	14.327	152	9446604	81.499	ng/ul	99
51) 3-Nitroaniline	14.533	138	1396525	75.176	ng/ul	98
52) Acenaphthene	14.663	153	6246200	81.667	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	935194	104.678	ng/ul	97
55) 4-Nitrophenol	14.857	109	1006962	81.630	ng/ul	96
56) Dibenzofuran	15.004	168	8345115	83.935	ng/ul	99
57) 2,4-Dinitrotoluene	14.992	165	2200544	93.149	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.227	232	1676302	97.070	ng/ul	95
59) Diethylphthalate	15.433	149	7247471	82.728	ng/ul	97
61) Fluorene	15.651	166	7097801	83.057	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.645	204	3527824	92.431	ng/ul	94
63) 4-Nitroaniline	15.704	138	1021976	61.033	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	1306557	93.665	ng/ul#	97
67) N-Nitrosodiphenylamine	15.863	169	5786426	79.451	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	2052171	89.660	ng/ul	97
69) Hexachlorobenzene	16.645	284	2349543	89.098	ng/ul	97
70) Atrazine	16.833	200	1969617	108.188	ng/ul	98
71) Pentachlorophenol	16.998	266	1429781	90.047	ng/ul	100
72) Phenanthrene	17.392	178	10546164	81.254	ng/ul	98
74) Anthracene	17.492	178	10692481	81.427	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.392	216	2641449	85.100	ng/uL	99
76) Pentachlorobenzene	14.910	250	2625328	86.340	ng/uL	98
77) Carbazole	17.768	167	9568806	85.444	ng/ul	99
78) Di-n-butylphthalate	18.321	149	11686770	78.268	ng/ul#	93
80) Fluoranthene	19.409	202	11544240	76.134	ng/ul	99
82) Pyrene	19.774	202	11487477	73.652	ng/ul	95
83) Butylbenzylphthalate	20.674	149	5572492	81.344	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.462	252	3178721	79.633	ng/ul	98
85) Benzo(a)anthracene	21.527	228	10777972	80.815	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.450	149	8163418	82.127	ng/ul#	95
87) Chrysene	21.580	228	9785569	81.509	ng/ul	98
89) Di-n-octyl phthalate	22.392	149	11974050	94.258	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	8832707	86.510	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	8995479	90.192	ng/ul	98
93) Benzo(a)pyrene	23.868	252	8036121	86.335	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.503	276	8858567	80.311	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	7420712	81.185	ng/ul	98
96) Benzo(g,h,i)perylene	27.279	276	6584078	76.701	ng/ul	99

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

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