Quantitation Report (Qedit)

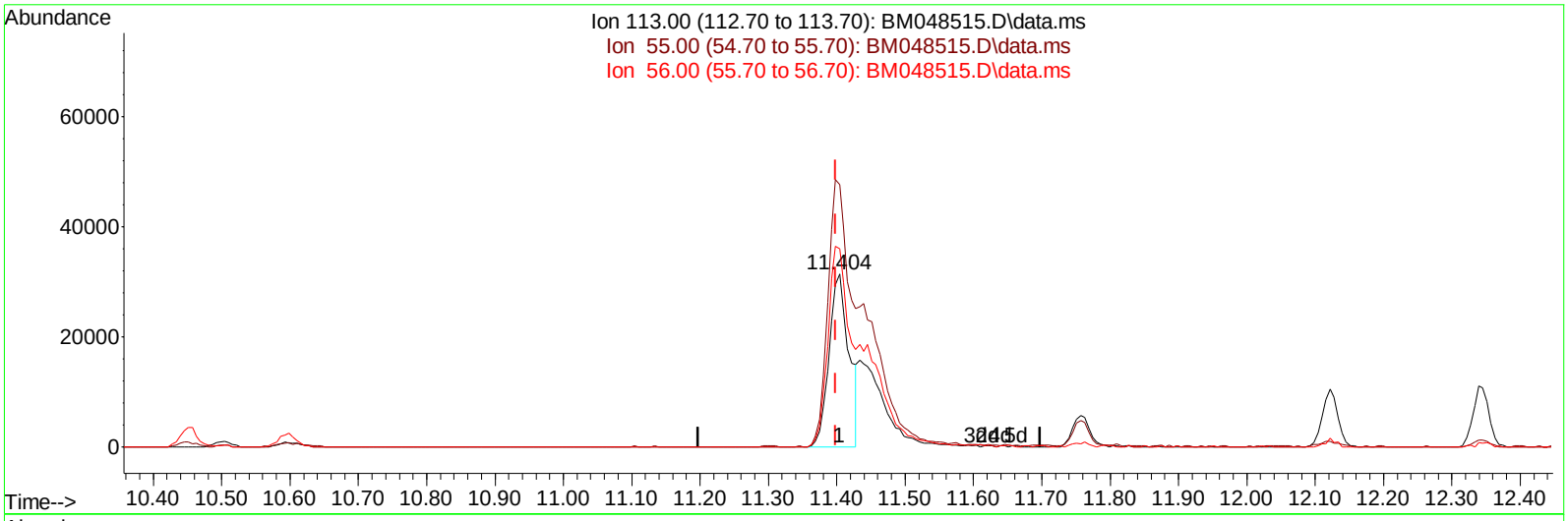
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110724\
Data File : BM048515.D
Acq On : 07 Nov 2024 17:18
Operator : RC/JU
Sample : SSTD04057
Misc :
ALS Vial : 6 Sample Multiplier: 1

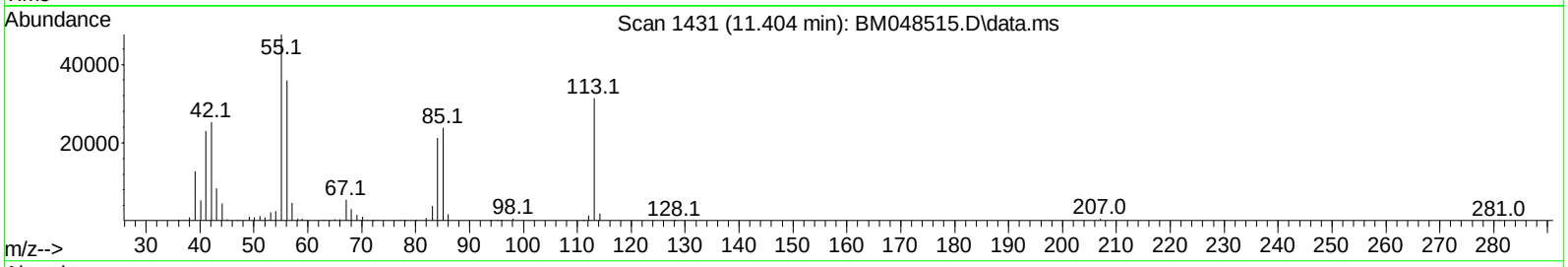
Quant Time: Nov 07 22:22:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:15:00 2024
Response via : Initial Calibration

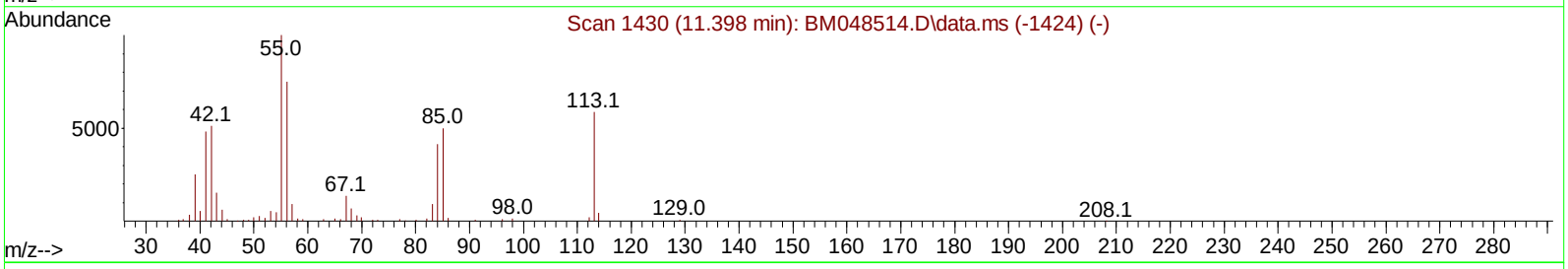
Instrument :
BNA_M
ClientSampleId :
SSTD040044

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024







TIC: BM048515.D\data.ms

(34) Caprolactam

11.404min (+ 0.006) 22.09 ng/ul

response 63994

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.10	151.76
56.00	130.10	114.60
0.00	0.00	0.00

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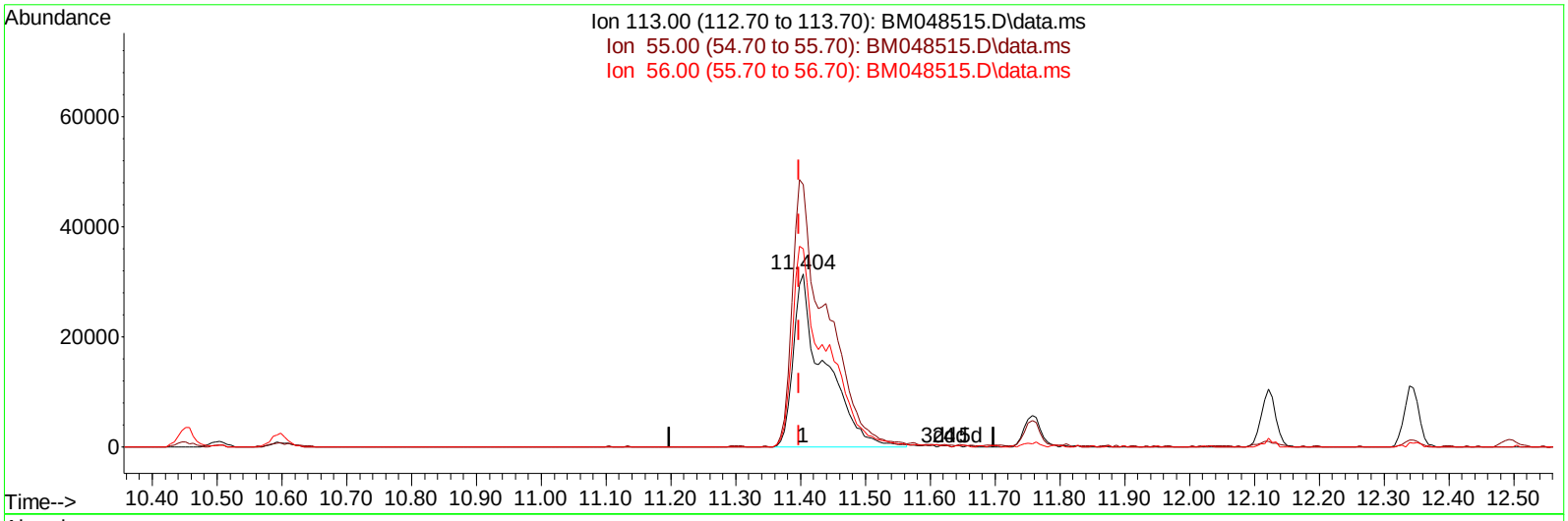

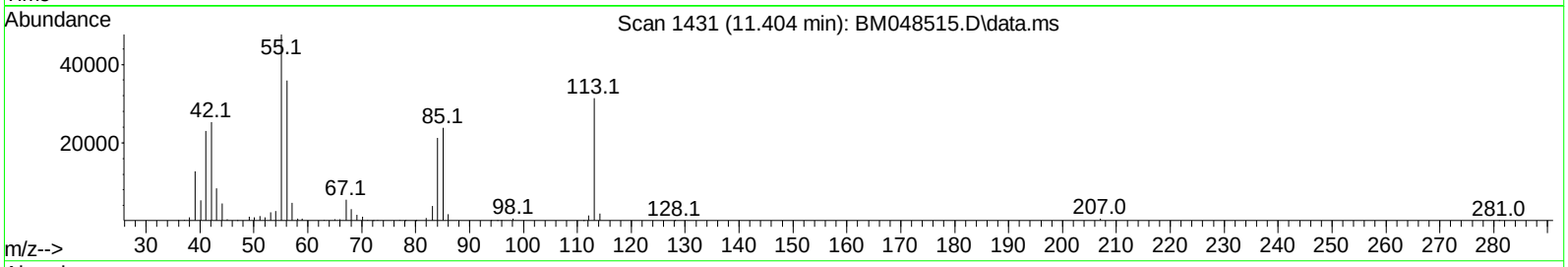

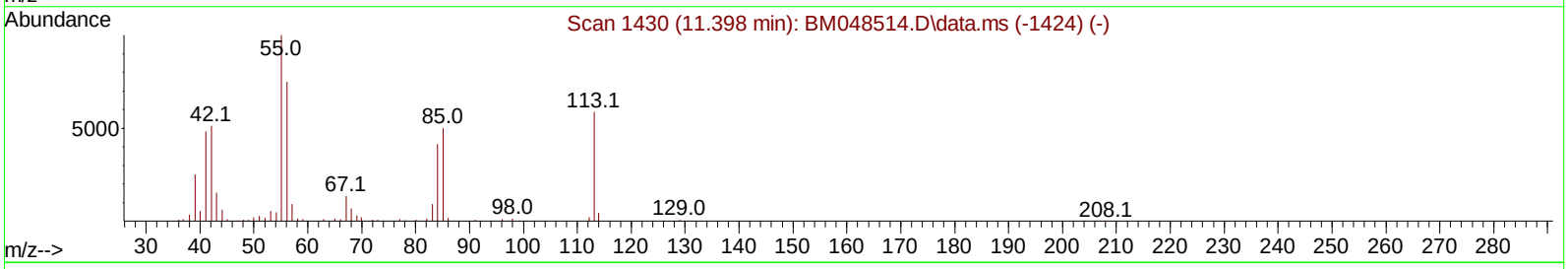

TIC: BM048515.D\data.ms

(34) Caprolactam

11.404min (+ 0.006) 36.28 ng/ul m

response 105099

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.10	151.76
56.00	130.10	114.60
0.00	0.00	0.00

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Operator : RC/JU
Sample : SSTD04057
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 07 22:44:19 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:15:00 2024
Response via : Initial Calibration

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	7.663	152	135372	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	547632	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	334809	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.062	188	683612	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	662030	20.000	ng/ul	0.00
88) Perylene-d12	24.197	264	772160	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	54982	15.990	ng/uL	0.00
4) Pyridine-d5	3.540	84	377930	37.920	ng/ul	0.00
7) Phenol-d5	6.846	99	423262	36.394	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	252219	35.010	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132	358996	37.958	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	333221	35.687	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	172188	38.351	ng/ul	0.00
24) 2-Nitrophenol-d4	9.545	143	185916	38.224	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	331222	37.317	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	462376	37.517	ng/ul	0.00
46) Dimethylphthalate-d6	13.727	166	875048	34.973	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	1051802	37.283	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	173623	37.945	ng/ul	0.00
60) Fluorene-d10	15.310	176	770661	36.452	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	146870	32.510	ng/ul	0.00
73) Anthracene-d10	17.157	188	1179602	36.491	ng/ul	0.00
81) Pyrene-d10	19.451	212	1379267	34.332	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.997	264	1506686	36.994	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	59590	16.394	ng/uL	95
5) Pyridine	3.563	79	391365	38.315	ng/ul	97
6) Benzaldehyde	6.810	77	220139	38.246	ng/ul	97
8) Phenol	6.875	94	440223	36.346	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.093	93	347678	35.931	ng/ul	98
12) 2-Chlorophenol	7.234	128	366486	37.742	ng/ul	99
13) 2-Methylphenol	8.116	108	330526	36.275	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.187	45	506314	34.236	ng/ul	98
16) Acetophenone	8.492	105	520831	35.416	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.475	70	251479	33.341	ng/ul	99
18) 4-Methylphenol	8.445	108	361736	35.971	ng/ul	98
19) Hexachloroethane	8.739	117	151883	37.105	ng/ul	99
22) Nitrobenzene	8.863	77	383063	36.716	ng/ul	96
23) Isophorone	9.392	82	703661	34.803	ng/ul	100
25) 2-Nitrophenol	9.575	139	201513	37.797	ng/ul	99
26) 2,4-Dimethylphenol	9.639	107	358666	36.646	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.875	93	439352	35.037	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	337340	37.144	ng/ul	96
30) Naphthalene	10.504	128	1124766	36.773	ng/ul	99
32) 4-Chloroaniline	10.622	127	436459	36.549	ng/ul	98
33) Hexachlorobutadiene	10.786	225	217337	35.912	ng/ul	98
34) Caprolactam	11.404	113	105099m	36.284	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	329984	36.111	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.122	142	729800	35.398	ng/ul	98
37) 1-Methylnaphthalene	12.339	142	746597	35.698	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.498	216	386060	36.421	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	206042	32.473	ng/ul	99
41) 2,4,6-Trichlorophenol	12.745	196	253177	37.004	ng/ul	97
42) 2,4,5-Trichlorophenol	12.822	196	273067	37.787	ng/ul	98
43) 1,1'-Biphenyl	13.145	154	926461	36.079	ng/ul	99
44) 2-Chloronaphthalene	13.186	162	734887	36.931	ng/ul	99
45) 2-Nitroaniline	13.398	65	205795	37.369	ng/ul	97
47) Dimethylphthalate	13.774	163	880061	35.071	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	182221	37.347	ng/ul	98
50) Acenaphthylene	14.033	152	1139448	36.976	ng/ul	99
51) 3-Nitroaniline	14.227	138	190695	37.129	ng/ul	98
52) Acenaphthene	14.380	153	797025	36.449	ng/ul	100
53) 2,4-Dinitrophenol	14.445	184	92201	27.783	ng/ul	95
55) 4-Nitrophenol	14.551	109	124972	37.415	ng/ul	98
56) Dibenzofuran	14.716	168	1109810	36.891	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	269618	37.798	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.945	232	228395	36.863	ng/ul	98
59) Diethylphthalate	15.145	149	882449	34.955	ng/ul	99
61) Fluorene	15.368	166	878858	36.687	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	424937	35.335	ng/ul	100
63) 4-Nitroaniline	15.398	138	197799	42.533	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.457	198	159263	32.884	ng/ul#	96
67) N-Nitrosodiphenylamine	15.580	169	740203	36.266	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	260239	34.892	ng/ul	99
69) Hexachlorobenzene	16.368	284	312764	35.048	ng/ul	99
70) Atrazine	16.533	200	271314	38.825	ng/ul	98
71) Pentachlorophenol	16.715	266	203819	36.097	ng/ul	97
72) Phenanthrene	17.104	178	1357198	35.854	ng/ul	99
74) Anthracene	17.192	178	1389217	36.666	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	379916	35.117	ng/uL	99
76) Pentachlorobenzene	14.639	250	376116	34.162	ng/uL	100
77) Carbazole	17.468	167	1288039	38.718	ng/ul	99
78) Di-n-butylphthalate	18.033	149	1526966	34.929	ng/ul	99
80) Fluoranthene	19.121	202	1592469	34.067	ng/ul	99
82) Pyrene	19.480	202	1713321	34.185	ng/ul	99
83) Butylbenzylphthalate	20.386	149	700727	33.832	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.192	252	517102	35.798	ng/ul	98
85) Benzo(a)anthracene	21.262	228	1709978	35.816	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	1013528	33.959	ng/ul	100
87) Chrysene	21.327	228	1618503	36.051	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1789202	30.973	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1777467	36.072	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	1730806	35.081	ng/ul	99
93) Benzo(a)pyrene	24.062	252	1673009	37.321	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.474	276	2168106	40.160	ng/ul	98
95) Dibenzo(a,h)anthracene	27.526	278	1768582	40.056	ng/ul	99
96) Benzo(g,h,i)perylene	28.491	276	1695157	40.916	ng/ul	99

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

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