Quantitation Report (Qedit)

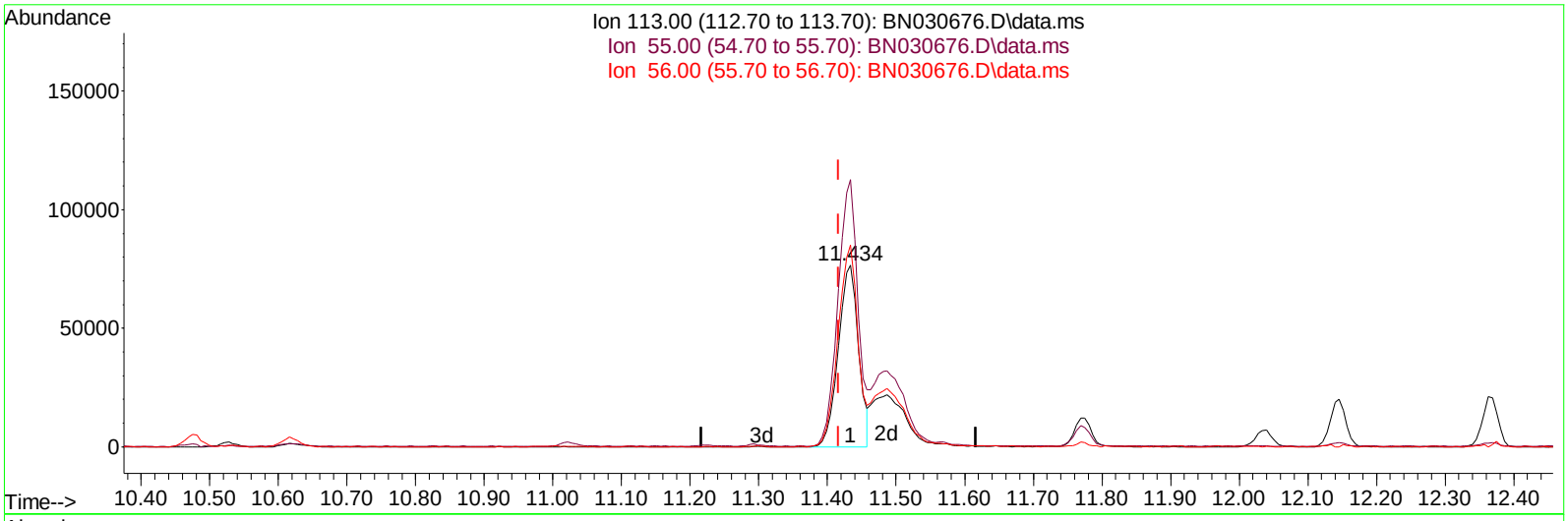
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030676.D
Acq On : 05 Apr 2024 16:20
Operator : MA/JU
Sample : P1989-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

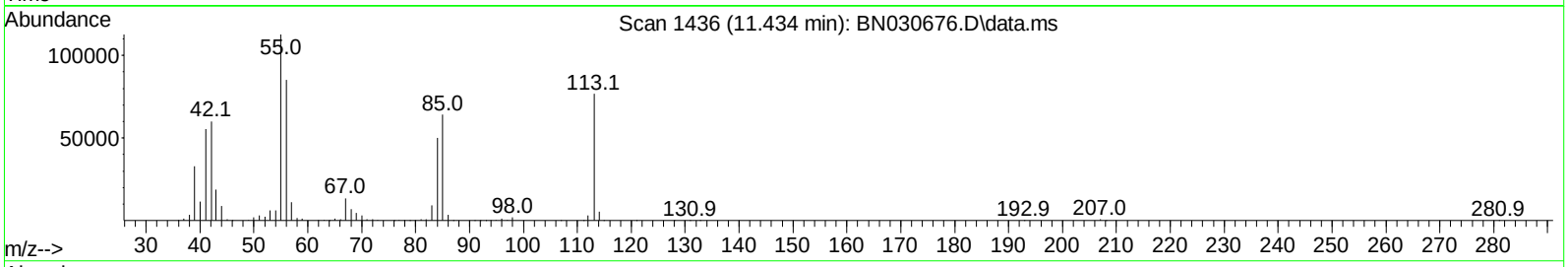
Quant Time: Apr 05 17:01:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

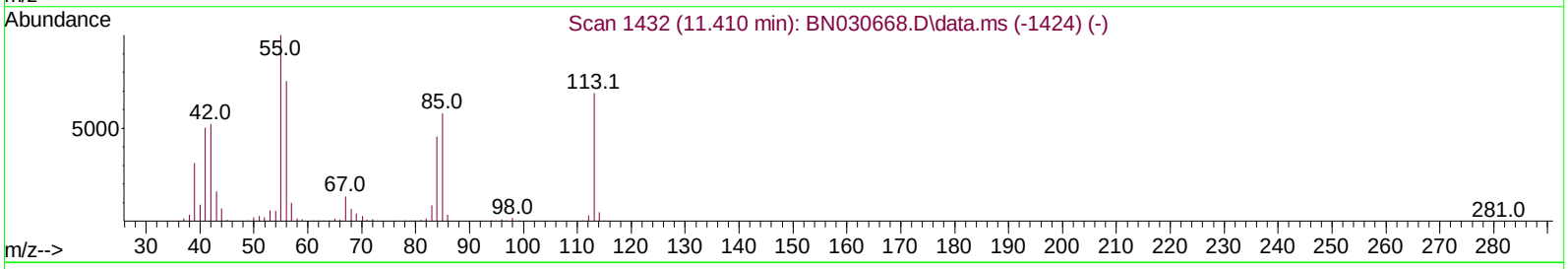
Instrument :
BNA_N
ClientSampleId :
E07T6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024







TIC: BN030676.D\data.ms

(34) Caprolactam

11.434min (+ 0.017) 37.66 ng/ul

response 155810

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	146.82
56.00	113.20	110.93
0.00	0.00	0.00

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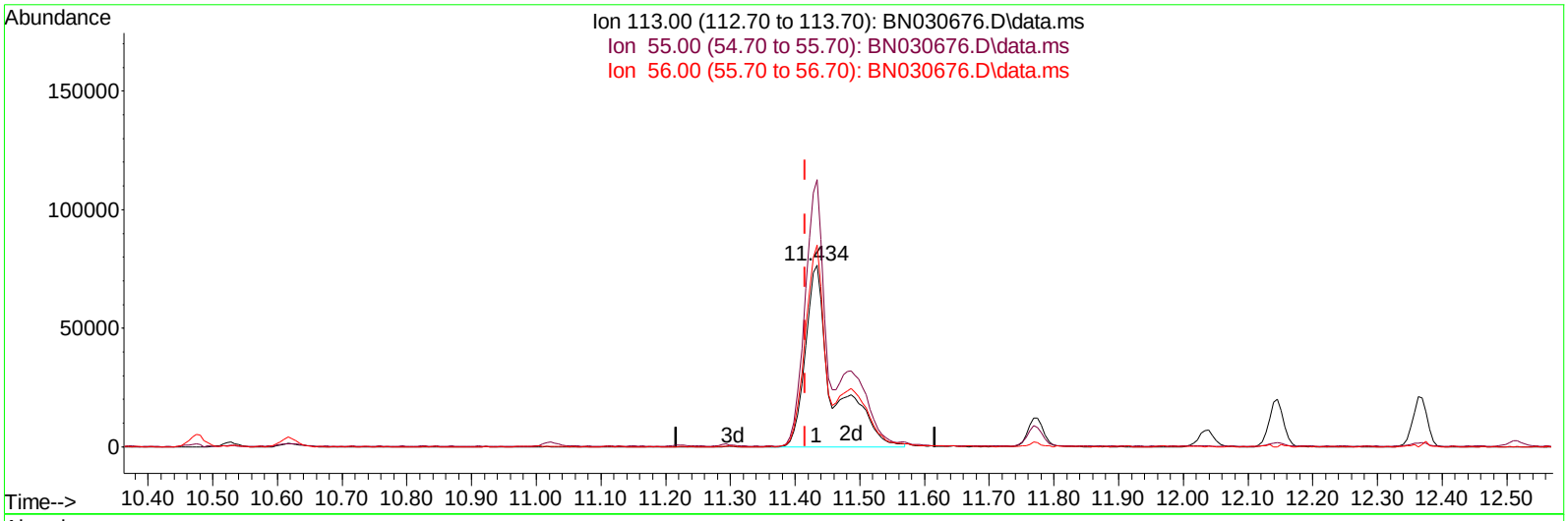

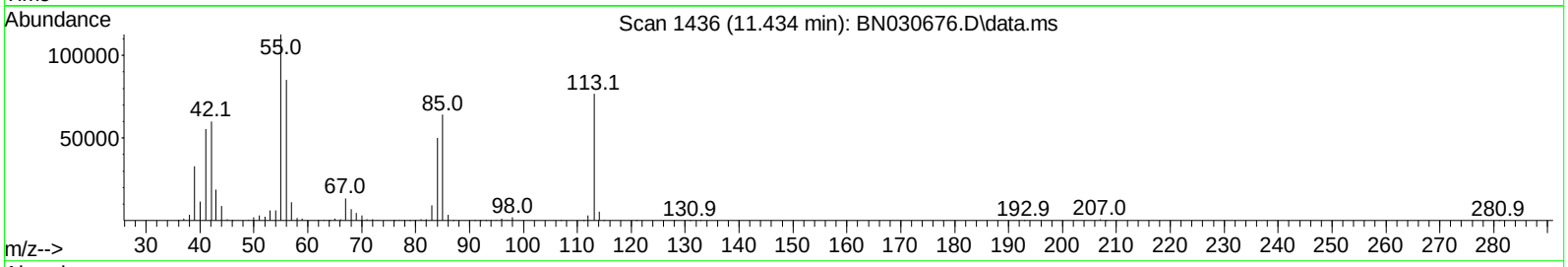

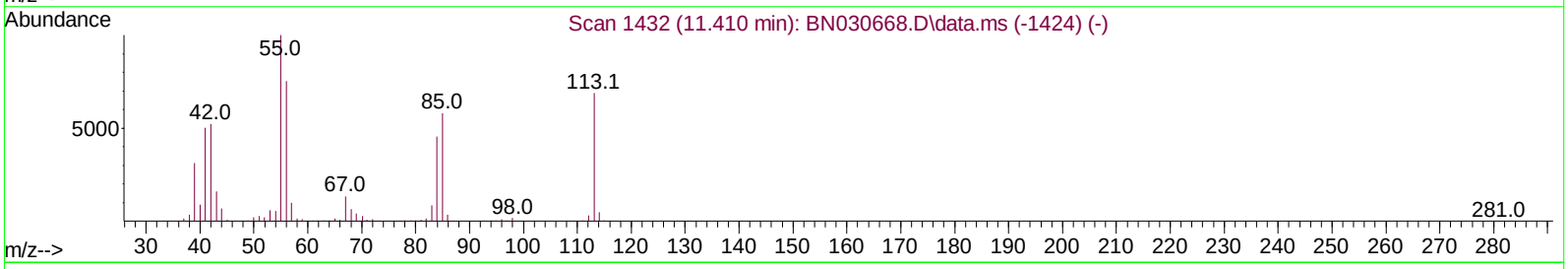

TIC: BN030676.D\data.ms

(34) Caprolactam

11.434min (+ 0.017) 55.61 ng/ul m

response 230118

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	146.82
56.00	113.20	110.93
0.00	0.00	0.00

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Operator : MA/JU
Sample : P1989-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 05 17:02:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

Instrument :
BNA_N
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	7.693	152	160617	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	781059	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	566824	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	1266745	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1208649	20.000	ng/ul	0.00
88) Perylene-d12	24.268	264	1421503	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	23973	6.998	ng/uL	0.00
4) Pyridine-d5	3.599	84	333270	32.446	ng/ul	0.00
7) Phenol-d5	6.863	99	556003	42.792	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	316856	39.483	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	439593	44.599	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	486102	44.639	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	236771	43.700	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	261898	52.838	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	493435	45.473	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	652459	36.523	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1620022	42.807	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	1830871	42.077	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	308786	42.657	ng/ul	0.01
60) Fluorene-d10	15.334	176	1379202	41.647	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	261606	46.788	ng/ul	0.00
73) Anthracene-d10	17.186	188	2216021	40.602	ng/ul	0.00
81) Pyrene-d10	19.486	212	2688091	41.367	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	2874921	43.892	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	59793	16.294	ng/uL	98
5) Pyridine	3.616	79	436480	42.114	ng/ul	98
6) Benzaldehyde	6.840	77	336198	55.563	ng/ul	97
8) Phenol	6.893	94	667420	49.308	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.128	93	513261	46.500	ng/ul	97
12) 2-Chlorophenol	7.257	128	522592	49.424	ng/ul	97
13) 2-Methylphenol	8.134	108	519941	49.849	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	680505	43.784	ng/ul	98
16) Acetophenone	8.516	105	821600	47.786	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.504	70	422933	48.841	ng/ul	96
18) 4-Methylphenol	8.463	108	572295	49.013	ng/ul	98
19) Hexachloroethane	8.763	117	210758	47.543	ng/ul	96
22) Nitrobenzene	8.893	77	614161	46.434	ng/ul	97
23) Isophorone	9.416	82	1290217	48.914	ng/ul	99
25) 2-Nitrophenol	9.599	139	322148	55.301	ng/ul	97
26) 2,4-Dimethylphenol	9.657	107	601908	46.489	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.899	93	778068	46.394	ng/ul	99
29) 2,4-Dichlorophenol	10.128	162	548087	49.485	ng/ul	97
30) Naphthalene	10.528	128	1833663	45.774	ng/ul	100
32) 4-Chloroaniline	10.640	127	682408	39.637	ng/ul	99
33) Hexachlorobutadiene	10.804	225	324532	46.550	ng/ul	99
34) Caprolactam	11.434	113	230118m	55.614	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	665267	53.328	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.145	142	1299454	46.449	ng/ul	98
37) 1-Methylnaphthalene	12.369	142	1310459	46.144	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	660406	45.147	ng/ul	98
40) Hexachlorocyclopentadiene	12.492	237	380369	45.788	ng/ul	97
41) 2,4,6-Trichlorophenol	12.757	196	480706	52.588	ng/ul	97
42) 2,4,5-Trichlorophenol	12.834	196	525820	50.936	ng/ul	96
43) 1,1'-Biphenyl	13.169	154	1741475	45.075	ng/ul	98
44) 2-Chloronaphthalene	13.210	162	1388027	45.639	ng/ul	98
45) 2-Nitroaniline	13.422	65	427888	52.866	ng/ul	97
47) Dimethylphthalate	13.804	163	1890456	48.358	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	397297	54.814	ng/ul	98
50) Acenaphthylene	14.057	152	2340789	46.560	ng/ul	100
51) 3-Nitroaniline	14.251	138	414877	53.928	ng/ul	98
52) Acenaphthene	14.404	153	1531627	45.716	ng/ul	96
53) 2,4-Dinitrophenol	14.457	184	211328	63.479	ng/ul	96
55) 4-Nitrophenol	14.569	109	328998	57.365	ng/ul	85
56) Dibenzofuran	14.739	168	2101287	45.120	ng/ul	100
57) 2,4-Dinitrotoluene	14.710	165	586737	55.447	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.969	232	468027	54.590	ng/ul	98
59) Diethylphthalate	15.175	149	1977898	49.803	ng/ul	100
61) Fluorene	15.392	166	1686080	45.548	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.386	204	823826	45.361	ng/ul	98
63) 4-Nitroaniline	15.422	138	458643	61.322	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.475	198	342078	56.938	ng/ul	92
67) N-Nitrosodiphenylamine	15.604	169	1556757	45.126	ng/ul	100
68) 4-Bromophenyl-phenylether	16.281	248	567636	47.190	ng/ul	97
69) Hexachlorobenzene	16.386	284	653377	46.129	ng/ul	99
70) Atrazine	16.563	200	521818	43.640	ng/ul	97
71) Pentachlorophenol	16.733	266	432618	51.803	ng/ul	97
72) Phenanthrene	17.128	178	2915775	44.802	ng/ul	99
74) Anthracene	17.222	178	2958825	44.972	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	678659	43.609	ng/uL	99
76) Pentachlorobenzene	14.651	250	679757	43.003	ng/uL	94
77) Carbazole	17.492	167	2796109	48.461	ng/ul	99
78) Di-n-butylphthalate	18.063	149	3710424	52.714	ng/ul	100
80) Fluoranthene	19.151	202	3536250	45.779	ng/ul	99
82) Pyrene	19.516	202	3661555	44.882	ng/ul	98
83) Butylbenzylphthalate	20.427	149	1791232	57.494	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.239	252	1068127	48.096	ng/ul	100
85) Benzo(a)anthracene	21.310	228	3814270	47.286	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.239	149	2493006	54.261	ng/ul	99
87) Chrysene	21.368	228	3543941	46.548	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	4784513	53.149	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	3918611	46.841	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	3924972	46.198	ng/ul	100
93) Benzo(a)pyrene	24.139	252	3722200	47.100	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.598	276	4174441	48.866	ng/ul	100
95) Dibenzo(a,h)anthracene	27.656	278	3524725	49.012	ng/ul	97
96) Benzo(g,h,i)perylene	28.633	276	3278697	48.888	ng/ul	98

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

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