Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024614.D
Acq On : 29 Mar 2023 17:55
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 30 03:35:55 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 30 03:30:09 2023
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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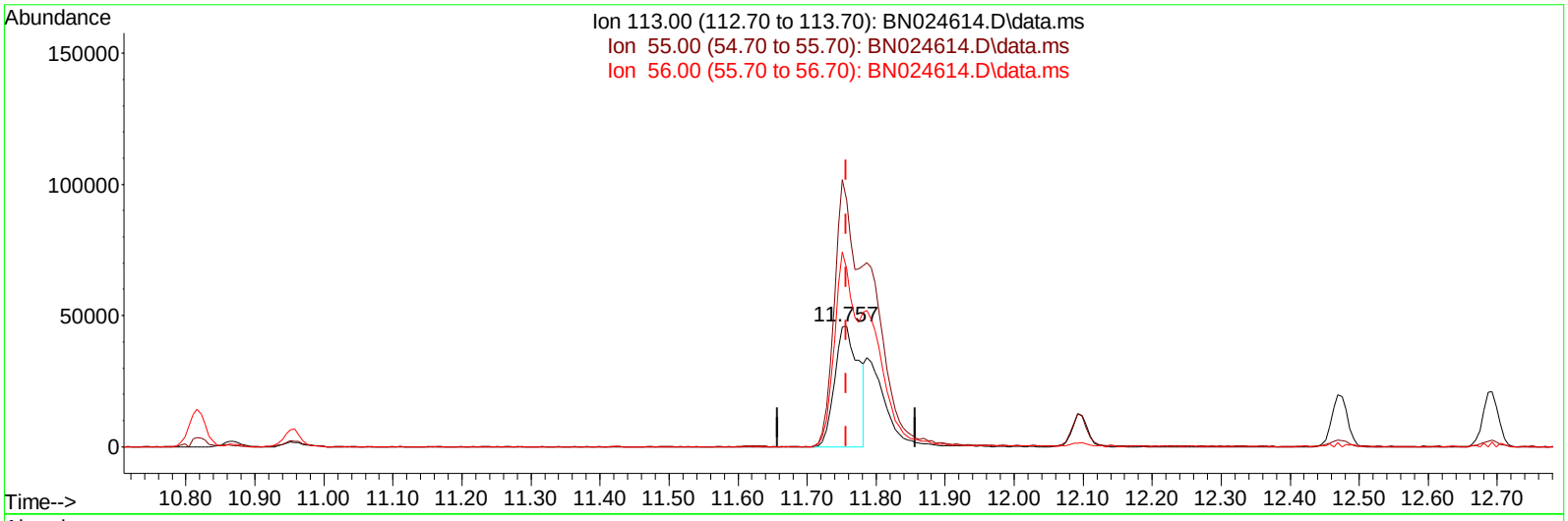

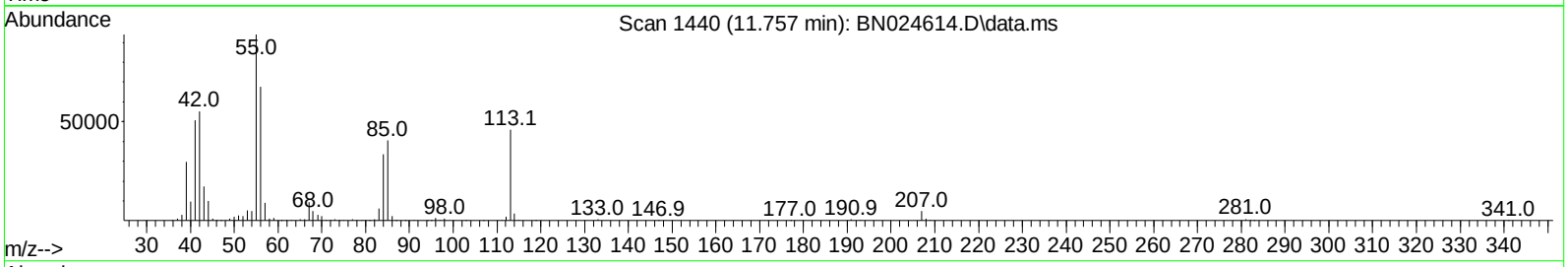

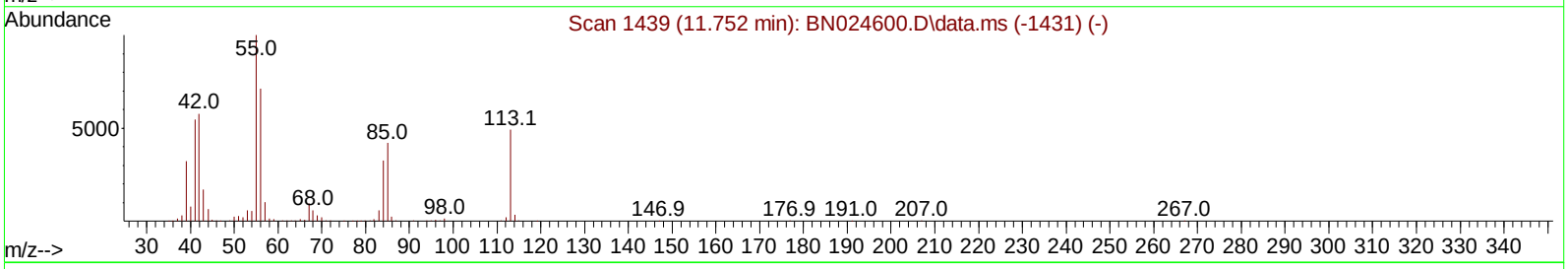

TIC: BN024614.D\data.ms

(34) Caprolactam

11.757min (0.000) 12.41 ng/ul

response 110769

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.70	204.35
56.00	152.00	147.30
0.00	0.00	0.00

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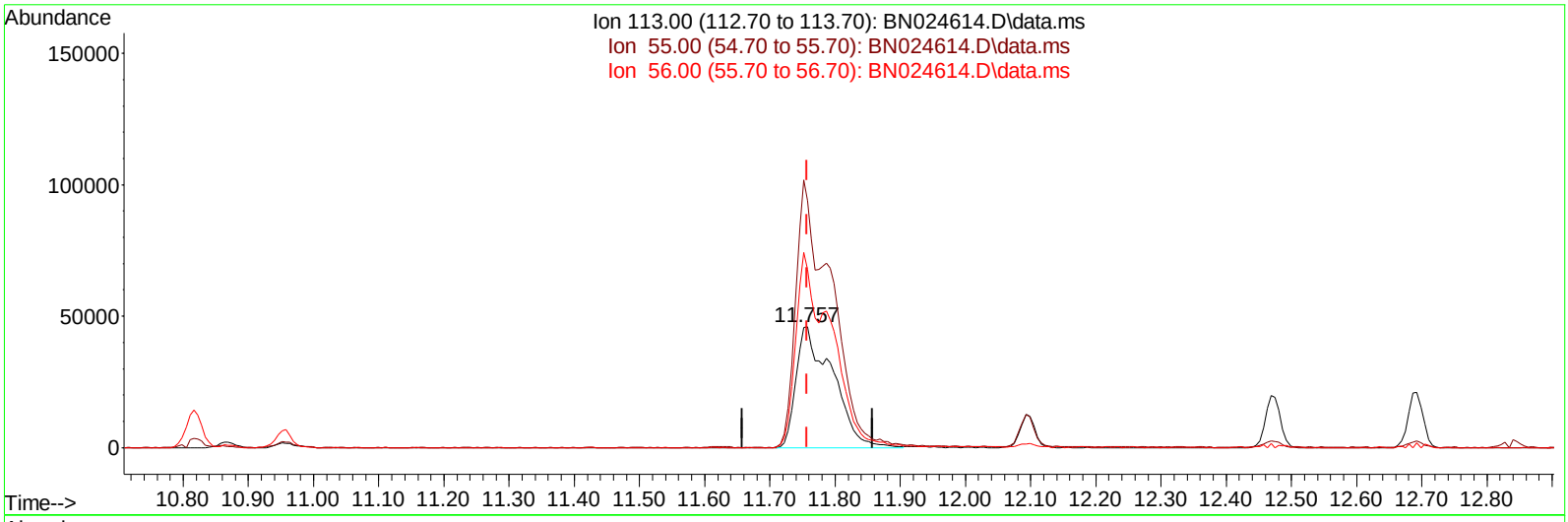

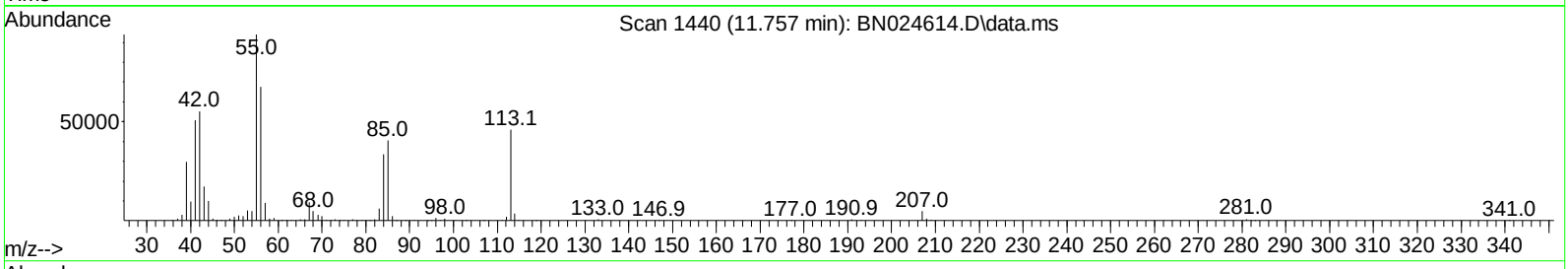

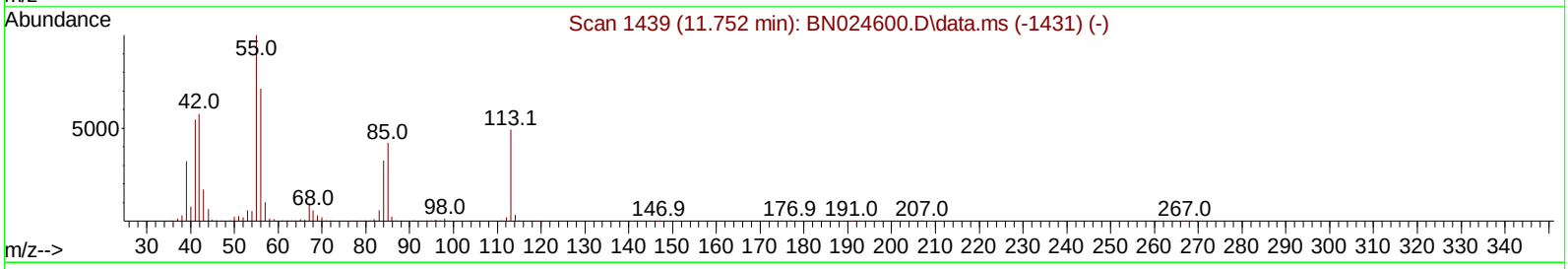

TIC: BN024614.D\data.ms

(34) Caprolactam

11.757min (0.000) 19.97 ng/ul m

response 178273

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.70	204.35
56.00	152.00	147.30
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	8.005	152	363605	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1635913	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	1014076	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2167101	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	1993819	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	2108917	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	79005	8.424	ng/uL	0.00
4) Pyridine-d5	3.799	84	579803	21.411	ng/ul	0.00
7) Phenol-d5	7.157	99	717928	20.864	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	472102	21.246	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	551247	21.608	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	573897	20.854	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	275027	21.243	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	303794	21.678	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	550324	21.621	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	826960	21.293	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	1669314	21.406	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	1958401	22.055	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	340041	20.834	ng/ul	0.00
60) Fluorene-d10	15.634	176	1415744	21.159	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	290392	20.344	ng/ul	0.00
73) Anthracene-d10	17.486	188	2202345	21.607	ng/ul	0.00
81) Pyrene-d10	19.774	212	2460785	21.346	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	2324183	21.750	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	87287	8.638	ng/uL	98
5) Pyridine	3.816	79	594522	21.092	ng/ul	98
6) Benzaldehyde	7.134	77	415614	26.462	ng/ul	99
8) Phenol	7.181	94	746917	20.911	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.422	93	607837	21.580	ng/ul	99
12) 2-Chlorophenol	7.557	128	571624	21.477	ng/ul	98
13) 2-Methylphenol	8.446	108	561412	21.047	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1084691	21.679	ng/ul	99
16) Acetophenone	8.828	105	931639	21.687	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	490042	21.676	ng/ul	99
18) 4-Methylphenol	8.775	108	618425	20.883	ng/ul	100
19) Hexachloroethane	9.087	117	225551	21.457	ng/ul	98
22) Nitrobenzene	9.210	77	721673	21.460	ng/ul	99
23) Isophorone	9.740	82	1347053	21.550	ng/ul	99
25) 2-Nitrophenol	9.928	139	330822	21.714	ng/ul	100
26) 2,4-Dimethylphenol	9.987	107	680239	21.495	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.222	93	840015	20.941	ng/ul	98
29) 2,4-Dichlorophenol	10.457	162	551274	21.353	ng/ul	96
30) Naphthalene	10.869	128	1923831	21.164	ng/ul	99
32) 4-Chloroaniline	10.981	127	831267	21.137	ng/ul	100
33) Hexachlorobutadiene	11.151	225	321295	21.610	ng/ul	97
34) Caprolactam	11.757	113	178273m	19.967	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	640446	21.699	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.475	142	1303515	21.419	ng/ul	99
37) 1-Methylnaphthalene	12.693	142	1273757	21.124	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.840	216	631289	21.001	ng/ul	92
40) Hexachlorocyclopentadiene	12.816	237	382052	20.196	ng/ul	97
41) 2,4,6-Trichlorophenol	13.075	196	439049	21.923	ng/ul	98
42) 2,4,5-Trichlorophenol	13.145	196	480600	21.834	ng/ul	97
43) 1,1'-Biphenyl	13.475	154	1705400	21.167	ng/ul	100
44) 2-Chloronaphthalene	13.522	162	1347487	21.424	ng/ul	99
45) 2-Nitroaniline	13.722	65	441657	22.600	ng/ul	96
47) Dimethylphthalate	14.098	163	1656797	20.922	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	334861	22.324	ng/ul	99
50) Acenaphthylene	14.363	152	2137030	21.982	ng/ul	100
51) 3-Nitroaniline	14.545	138	350239	21.967	ng/ul	97
52) Acenaphthene	14.704	153	1465757	21.636	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	185723	18.228	ng/ul	99
55) 4-Nitrophenol	14.845	109	266392	21.333	ng/ul	98
56) Dibenzofuran	15.039	168	2022618	21.456	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	486597	22.143	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.263	232	401536	21.891	ng/ul	95
59) Diethylphthalate	15.457	149	1652186	21.321	ng/ul	100
61) Fluorene	15.686	166	1636151	21.646	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	785960	21.915	ng/ul	97
63) 4-Nitroaniline	15.710	138	364764	23.223	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	282877	20.040	ng/ul	99
67) N-Nitrosodiphenylamine	15.892	169	1391917	21.479	ng/ul	100
68) 4-Bromophenyl-phenylether	16.575	248	473086	21.872	ng/ul	98
69) Hexachlorobenzene	16.692	284	533310	20.951	ng/ul	97
70) Atrazine	16.845	200	472652	21.348	ng/ul	100
71) Pentachlorophenol	17.033	266	328564	21.115	ng/ul	95
72) Phenanthrene	17.428	178	2575671	21.210	ng/ul	98
74) Anthracene	17.522	178	2643468	21.668	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.445	216	653288	21.086	ng/uL	95
76) Pentachlorobenzene	14.957	250	636564	21.151	ng/uL	97
77) Carbazole	17.792	167	2440514	22.249	ng/ul	98
78) Di-n-butylphthalate	18.351	149	2712461	21.822	ng/ul	100
80) Fluoranthene	19.439	202	2984780	21.832	ng/ul	99
82) Pyrene	19.804	202	3090375	21.443	ng/ul	99
83) Butylbenzylphthalate	20.698	149	1175899	21.428	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	1000909	21.476	ng/ul	99
85) Benzo(a)anthracene	21.563	228	2939843	20.873	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.474	149	1659938	21.695	ng/ul	98
87) Chrysene	21.616	228	2860228	21.461	ng/ul	95
89) Di-n-octyl phthalate	22.433	149	2817877	22.057	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2982158	21.595	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	2875377	21.811	ng/ul	99
93) Benzo(a)pyrene	23.957	252	2575500	21.298	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.674	276	3199685	20.764	ng/ul	96
95) Dibenzo(a,h)anthracene	26.686	278	2621221	20.510	ng/ul	98
96) Benzo(g,h,i)perylene	27.474	276	2499841	19.524	ng/ul	99

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

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