Quantitation Report (Qedit)

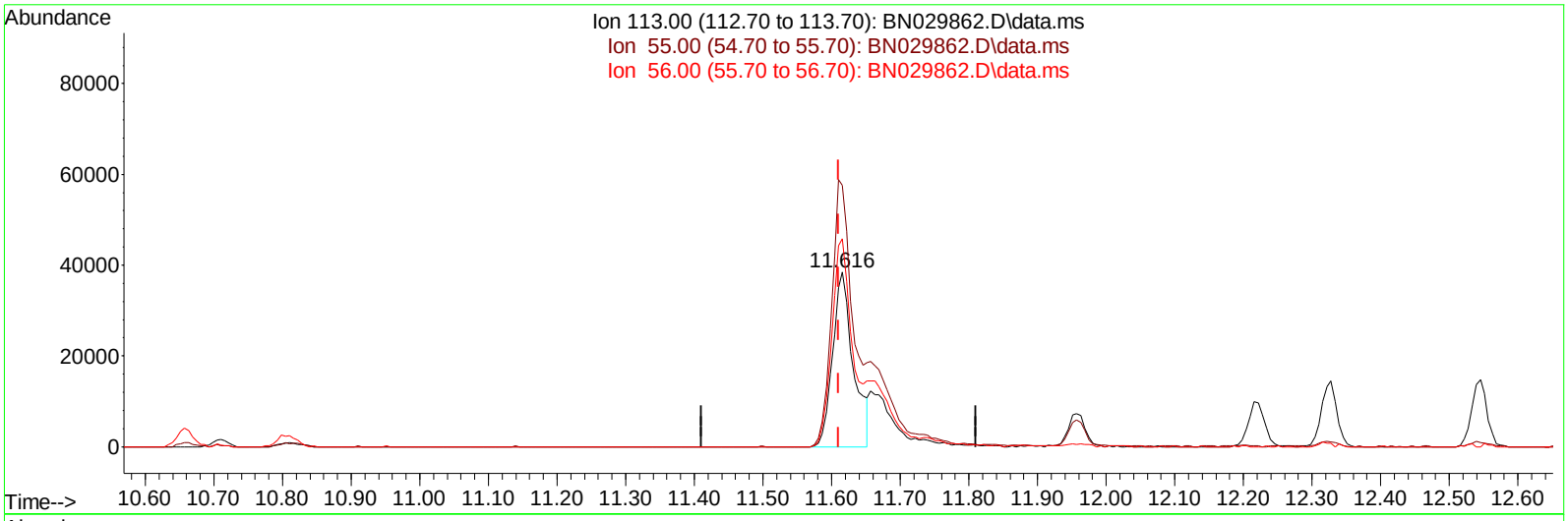
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021924\
Data File : BN029862.D
Acq On : 19 Feb 2024 22:05
Operator : MA/JU
Sample : PB159013BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

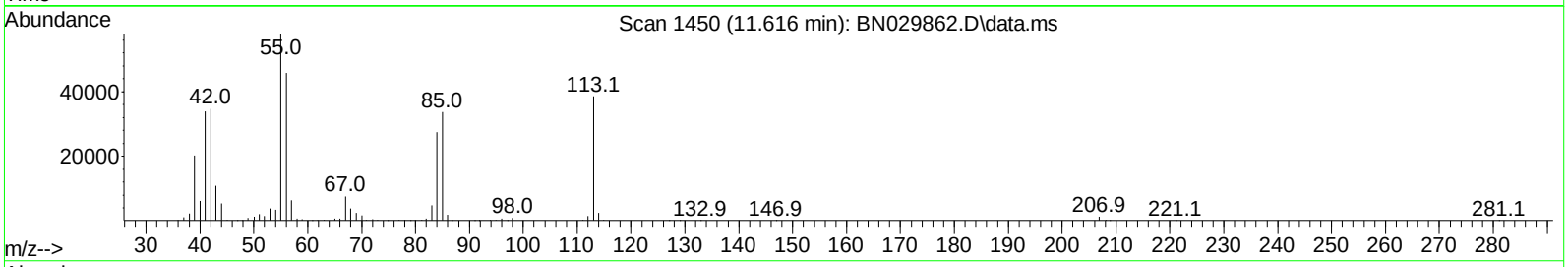
Quant Time: Feb 19 22:42:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 13 22:50:45 2024
Response via : Initial Calibration

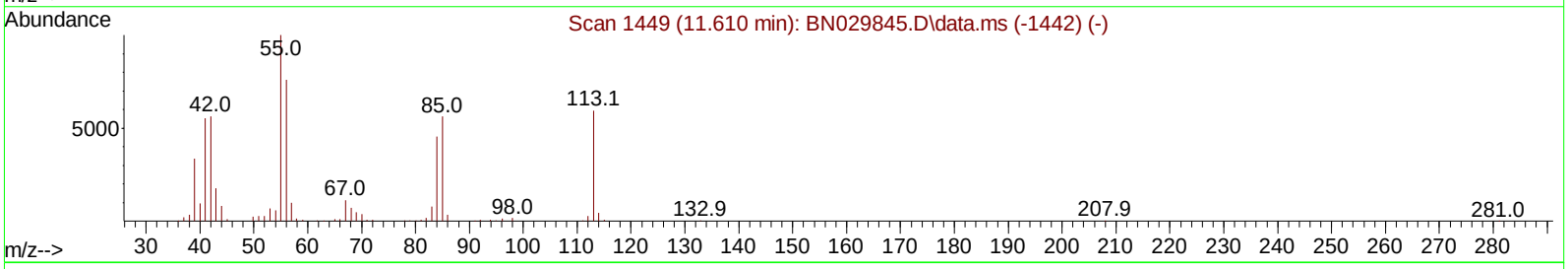
Instrument :
BNA_N
ClientSampleId :
SLCS013

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024







TIC: BN029862.D\data.ms

(34) Caprolactam

11.616min (+ 0.006) 32.08 ng/ul

response 80223

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	149.70
56.00	129.20	118.84
0.00	0.00	0.00

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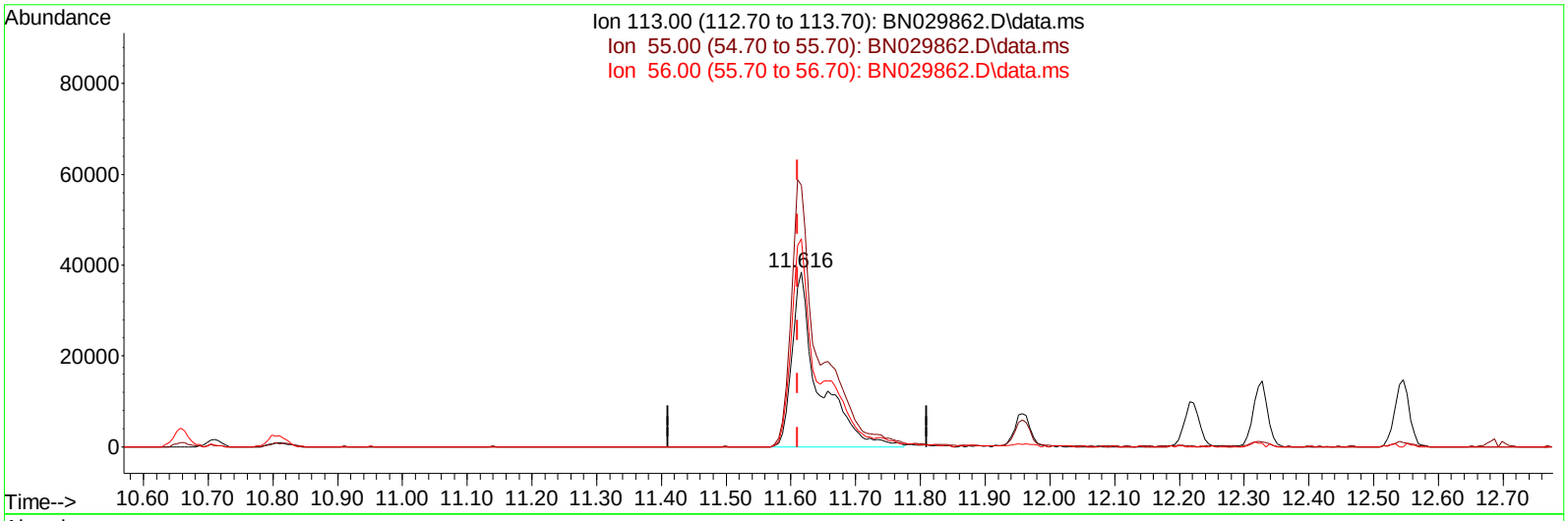

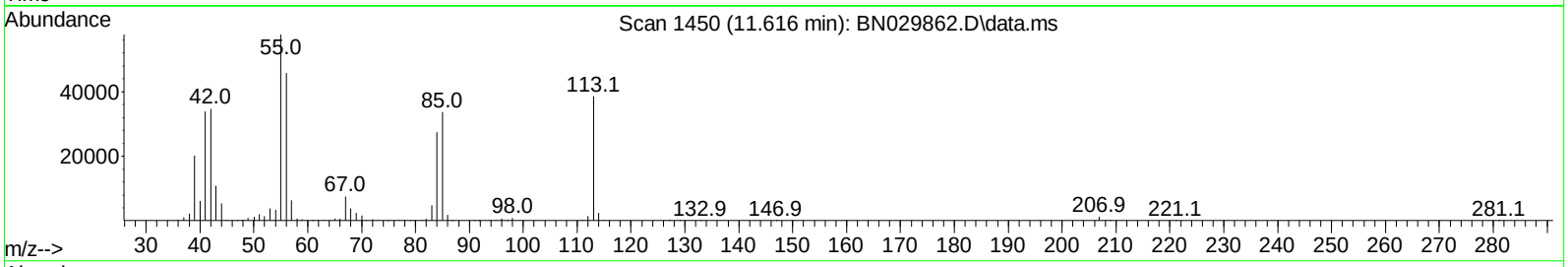

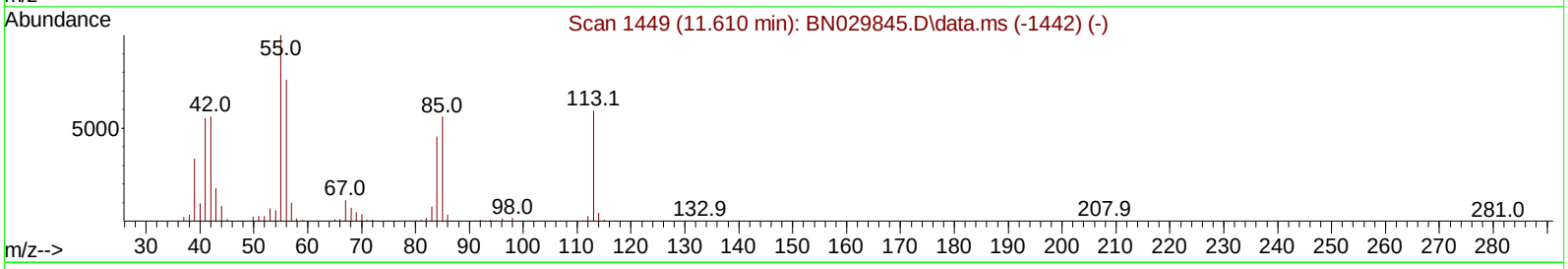

TIC: BN029862.D\data.ms

(34) Caprolactam

11.616min (+ 0.006) 44.33 ng/ul m

response 110841

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	149.70
56.00	129.20	118.84
0.00	0.00	0.00

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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	7.863	152	132004	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	545073	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.504	164	286738	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.257	188	584666	20.000	ng/ul	-0.01
79) Chrysene-d12	21.462	240	517807	20.000	ng/ul	0.00
88) Perylene-d12	23.821	264	568945	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	28633	7.134	ng/uL	0.00
4) Pyridine-d5	3.728	84	391731	36.601	ng/ul	0.00
7) Phenol-d5	7.034	99	483125	39.129	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	314977	38.224	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.393	132	374887	41.899	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	364365	39.570	ng/ul	-0.01
21) Nitrobenzene-d5	9.034	128	179531	42.438	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	178783	48.524	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.281	165	326766	44.932	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.810	131	400034	32.243	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	898768	42.101	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	1071056	42.247	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	167415	41.319	ng/ul	0.00
60) Fluorene-d10	15.504	176	760406	41.870	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	124412	43.671	ng/ul	0.00
73) Anthracene-d10	17.357	188	1154933	42.149	ng/ul	0.00
81) Pyrene-d10	19.657	212	1296549	41.725	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	1264344	44.411	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	62623	15.065	ng/uL	95
5) Pyridine	3.746	79	423611	38.258	ng/ul	97
6) Benzaldehyde	7.010	77	242169	43.755	ng/ul	93
8) Phenol	7.057	94	531281	41.985	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.298	93	431311	40.534	ng/ul	99
12) 2-Chlorophenol	7.422	128	416051	44.321	ng/ul	99
13) 2-Methylphenol	8.310	108	380922	41.715	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.393	45	562078	40.446	ng/ul	99
16) Acetophenone	8.693	105	625675	42.692	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	332364	43.927	ng/ul	97
18) 4-Methylphenol	8.640	108	409404	42.428	ng/ul	94
19) Hexachloroethane	8.928	117	179624	41.234	ng/ul	97
22) Nitrobenzene	9.075	77	515623	43.017	ng/ul	98
23) Isophorone	9.598	82	901630	43.184	ng/ul	100
25) 2-Nitrophenol	9.781	139	208129	49.467	ng/ul	99
26) 2,4-Dimethylphenol	9.840	107	376784	37.366	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.087	93	554706	41.805	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	342599	45.591	ng/ul	98
30) Naphthalene	10.710	128	1297333	41.640	ng/ul	99
32) 4-Chloroaniline	10.828	127	350169	28.591	ng/ul	99
33) Hexachlorobutadiene	10.981	225	210793	45.451	ng/ul	94
34) Caprolactam	11.616	113	110841m	44.326	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	396977	45.736	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	12.328	142	837568	43.855 ng/ul	98
37) 1-Methylnaphthalene	12.545	142	810991	42.832 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.692	216	381102	44.839 ng/ul	97
40) Hexachlorocyclopentadiene	12.663	237	187512	33.752 ng/ul	98
41) 2,4,6-Trichlorophenol	12.939	196	229564	46.860 ng/ul	99
42) 2,4,5-Trichlorophenol	13.010	196	263943	47.950 ng/ul	94
43) 1,1'-Biphenyl	13.345	154	1049334	43.393 ng/ul	98
44) 2-Chloronaphthalene	13.381	162	802199	42.684 ng/ul	98
45) 2-Nitroaniline	13.598	65	268220	48.543 ng/ul	95
47) Dimethylphthalate	13.980	163	966876	44.245 ng/ul#	99
48) 2,6-Dinitrotoluene	14.104	165	195310	49.947 ng/ul	98
50) Acenaphthylene	14.228	152	1324620	43.536 ng/ul	98
51) 3-Nitroaniline	14.428	138	213000	46.802 ng/ul	95
52) Acenaphthene	14.569	153	870156	43.294 ng/ul	95
53) 2,4-Dinitrophenol	14.633	184	85624	43.148 ng/ul	99
55) 4-Nitrophenol	14.733	109	165644	44.709 ng/ul	95
56) Dibenzofuran	14.910	168	1142198	43.036 ng/ul	98
57) 2,4-Dinitrotoluene	14.886	165	280932	51.029 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.133	232	188362	48.215 ng/ul	98
59) Diethylphthalate	15.345	149	1026274	45.719 ng/ul	98
61) Fluorene	15.557	166	949952	45.281 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	433980	46.251 ng/ul	96
63) 4-Nitroaniline	15.592	138	222461	54.159 ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.645	198	145179	46.224 ng/ul	93
67) N-Nitrosodiphenylamine	15.775	169	792205	43.482 ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	246513	44.546 ng/ul	89
69) Hexachlorobenzene	16.551	284	286001	45.852 ng/ul	98
70) Atrazine	16.739	200	129888	22.819 ng/ul	98
71) Pentachlorophenol	16.904	266	157308	43.426 ng/ul	94
72) Phenanthrene	17.304	178	1455923	43.048 ng/ul	100
74) Anthracene	17.392	178	1464195	43.138 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	368910	42.999 ng/uL	97
76) Pentachlorobenzene	14.822	250	343770	44.748 ng/uL	97
77) Carbazole	17.669	167	1371926	44.253 ng/ul	99
78) Di-n-butylphthalate	18.245	149	1792774	48.089 ng/ul	99
80) Fluoranthene	19.321	202	1657140	43.901 ng/ul	99
82) Pyrene	19.686	202	1764292	44.182 ng/ul	96
83) Butylbenzylphthalate	20.610	149	805699	49.507 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.386	252	435397	43.412 ng/ul	97
85) Benzo(a)anthracene	21.445	228	1661032	43.667 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.392	149	1248263	49.586 ng/ul	100
87) Chrysene	21.498	228	1606066	45.053 ng/ul	99
89) Di-n-octyl phthalate	22.321	149	2169231	49.187 ng/ul	100
90) Benzo(b)fluoranthene	23.109	252	1719169	47.973 ng/ul	97
91) Benzo(k)fluoranthene	23.156	252	1634447	44.560 ng/ul	94
93) Benzo(a)pyrene	23.721	252	1594593	46.399 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.274	276	1843752	44.057 ng/ul	99
95) Dibenzo(a,h)anthracene	26.297	278	1498408	43.858 ng/ul	97
96) Benzo(g,h,i)perylene	27.015	276	1516793	43.335 ng/ul	95

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

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