Quantitation Report (Qedit)

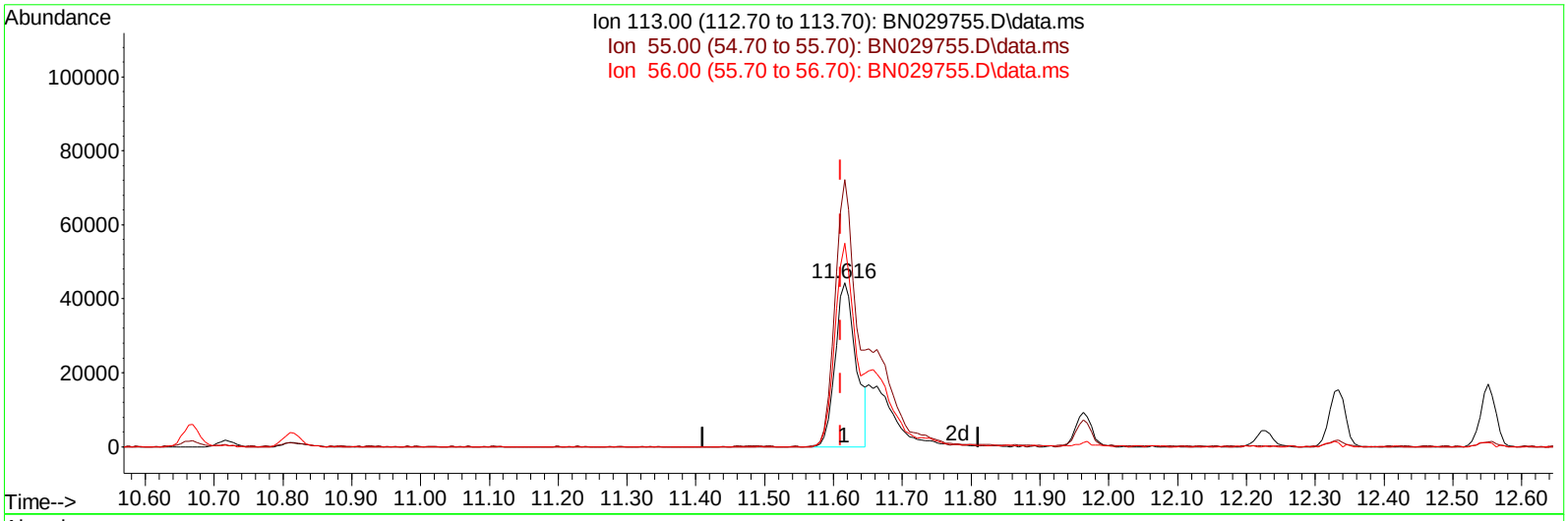
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029755.D
Acq On : 14 Feb 2024 05:16
Operator : MA/JU
Sample : PB158869BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

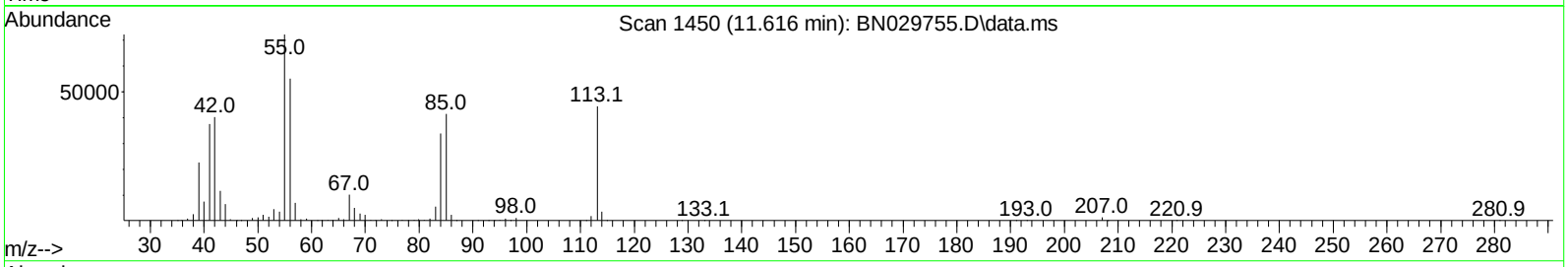
Quant Time: Feb 14 05:41:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 13 22:50:45 2024
Response via : Initial Calibration

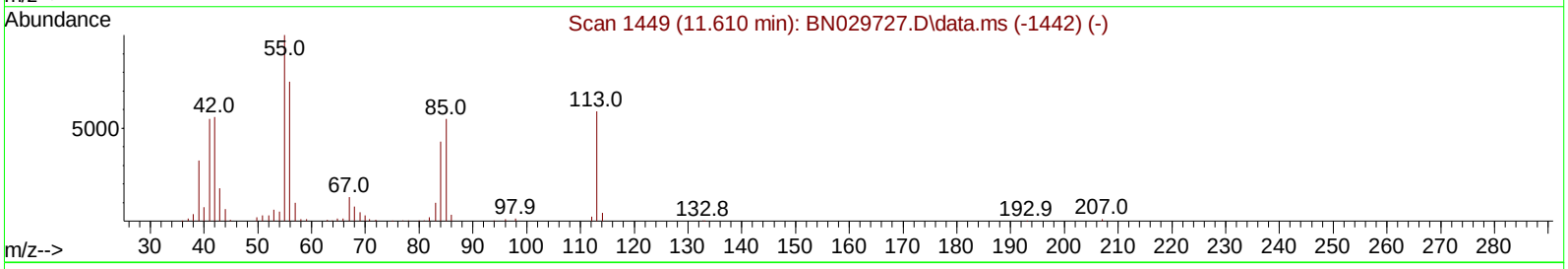
Instrument :
BNA_N
ClientSampleId :
SLCS869

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024







TIC: BN029755.D\data.ms

(34) Caprolactam

11.616min (+ 0.006) 23.03 ng/ul

response 92699

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	162.87
56.00	129.20	124.27
0.00	0.00	0.00

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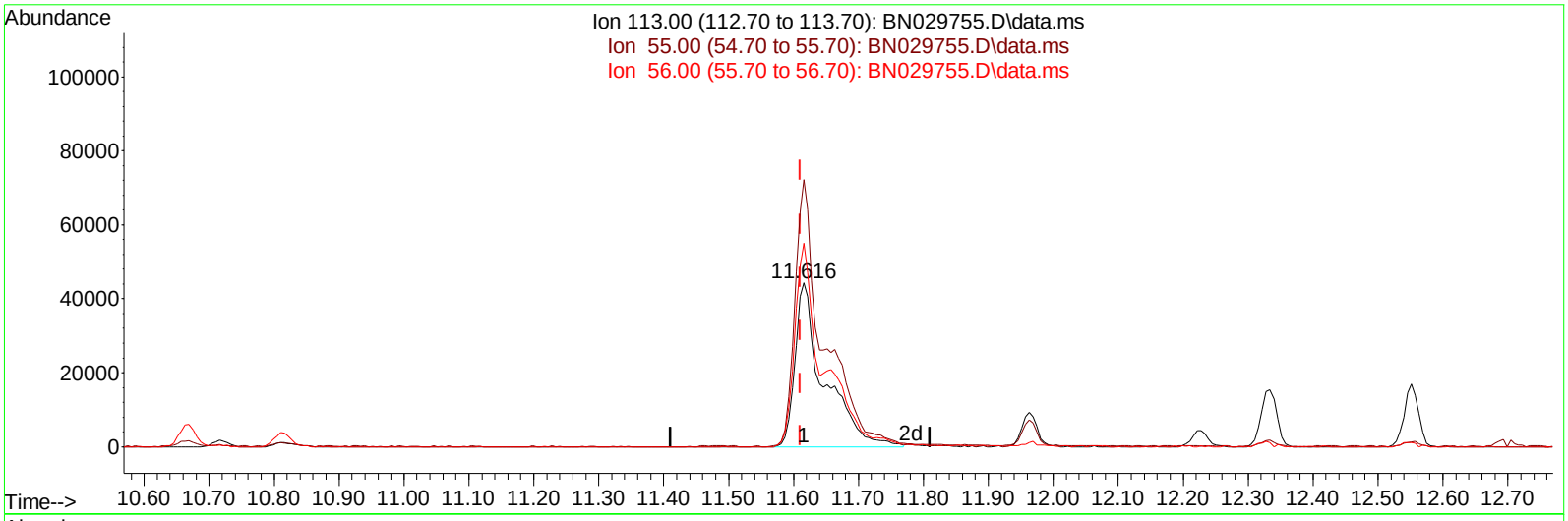

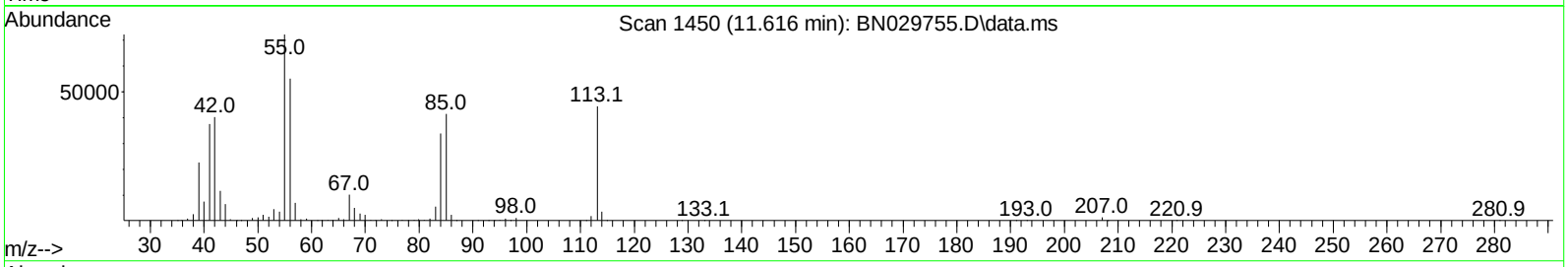

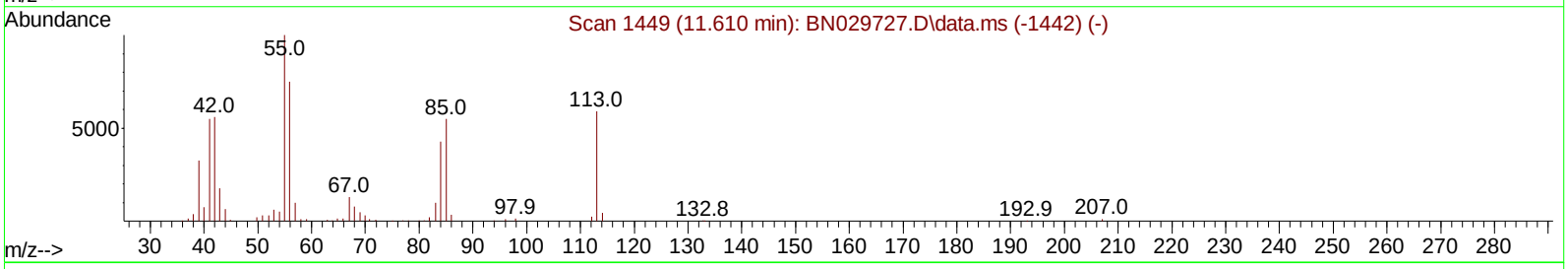

TIC: BN029755.D\data.ms

(34) Caprolactam

11.616min (+ 0.006) 34.29 ng/ul m

response 138006

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	162.87
56.00	129.20	124.27
0.00	0.00	0.00

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Sample : PB158869BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 14 05:42:29 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
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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	7.869	152	213111	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	877262	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	456235	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	876677	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	719140	20.000	ng/ul	0.00
88) Perylene-d12	23.839	264	833577	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	37573	5.799	ng/uL	0.00
4) Pyridine-d5	3.728	84	501702	29.035	ng/ul	0.00
7) Phenol-d5	7.040	99	605730	30.388	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	391818	29.452	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	468809	32.455	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	456868	30.732	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	223748	32.862	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	218814	36.900	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	401398	34.294	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	569532	28.522	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	1081921	31.852	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	1298337	32.186	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	203916	31.630	ng/ul	0.00
60) Fluorene-d10	15.510	176	898675	31.100	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	148113	34.673	ng/ul	0.00
73) Anthracene-d10	17.369	188	1298628	31.607	ng/ul	0.00
81) Pyrene-d10	19.663	212	1421170	32.931	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	1376882	33.010	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	78362	11.677	ng/uL	97
5) Pyridine	3.746	79	528959	29.591	ng/ul	99
6) Benzaldehyde	7.016	77	342831	38.368	ng/ul	97
8) Phenol	7.069	94	652525	31.941	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.304	93	533476	31.055	ng/ul	98
12) 2-Chlorophenol	7.428	128	508356	33.544	ng/ul	98
13) 2-Methylphenol	8.316	108	478639	32.467	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	713387	31.797	ng/ul	99
16) Acetophenone	8.699	105	757711	32.025	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.693	70	409903	33.556	ng/ul	99
18) 4-Methylphenol	8.651	108	507429	32.573	ng/ul	96
19) Hexachloroethane	8.940	117	224580	31.933	ng/ul	98
22) Nitrobenzene	9.081	77	620300	32.154	ng/ul	99
23) Isophorone	9.604	82	1118715	33.292	ng/ul	99
25) 2-Nitrophenol	9.787	139	254735	37.618	ng/ul	96
26) 2,4-Dimethylphenol	9.851	107	465643	28.692	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.098	93	692340	32.420	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	414082	34.237	ng/ul	99
30) Naphthalene	10.716	128	1586601	31.641	ng/ul	99
32) 4-Chloroaniline	10.840	127	495932	25.159	ng/ul	99
33) Hexachlorobutadiene	10.993	225	244711	32.785	ng/ul	98
34) Caprolactam	11.616	113	138006m	34.291	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	479117	34.297	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	1010599	32.878	ng/ul	99
37) 1-Methylnaphthalene	12.551	142	981204	32.198	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.698	216	446094	32.987	ng/ul	94
40) Hexachlorocyclopentadiene	12.669	237	249999	28.282	ng/ul	98
41) 2,4,6-Trichlorophenol	12.945	196	273989	35.150	ng/ul	97
42) 2,4,5-Trichlorophenol	13.016	196	307008	35.053	ng/ul	99
43) 1,1'-Biphenyl	13.351	154	1250618	32.503	ng/ul	96
44) 2-Chloronaphthalene	13.387	162	958642	32.058	ng/ul	99
45) 2-Nitroaniline	13.604	65	313300	35.636	ng/ul	93
47) Dimethylphthalate	13.986	163	1167503	33.578	ng/ul	100
48) 2,6-Dinitrotoluene	14.110	165	231871	37.268	ng/ul	96
50) Acenaphthylene	14.234	152	1581662	32.671	ng/ul	99
51) 3-Nitroaniline	14.434	138	249368	34.437	ng/ul	98
52) Acenaphthene	14.575	153	1040551	32.538	ng/ul	95
53) 2,4-Dinitrophenol	14.639	184	103184	32.679	ng/ul	92
55) 4-Nitrophenol	14.739	109	183391	31.110	ng/ul	97
56) Dibenzofuran	14.916	168	1349487	31.956	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	331924	37.892	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.139	232	219237	35.270	ng/ul	97
59) Diethylphthalate	15.351	149	1211966	33.933	ng/ul	99
61) Fluorene	15.569	166	1111469	33.298	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.563	204	500265	33.508	ng/ul	97
63) 4-Nitroaniline	15.598	138	262201	40.119	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.651	198	163226	34.660	ng/ul	95
67) N-Nitrosodiphenylamine	15.781	169	913569	33.441	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	288242	34.737	ng/ul	93
69) Hexachlorobenzene	16.563	284	328499	35.123	ng/ul	94
70) Atrazine	16.745	200	184129	21.573	ng/ul	96
71) Pentachlorophenol	16.910	266	174783	32.179	ng/ul	92
72) Phenanthrene	17.310	178	1639399	32.328	ng/ul	98
74) Anthracene	17.404	178	1670050	32.814	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	436812	33.955	ng/uL	96
76) Pentachlorobenzene	14.828	250	388657	33.740	ng/uL	98
77) Carbazole	17.675	167	1526420	32.836	ng/ul	99
78) Di-n-butylphthalate	18.257	149	2027071	36.263	ng/ul	99
80) Fluoranthene	19.327	202	1812930	34.582	ng/ul	100
82) Pyrene	19.692	202	1887776	34.039	ng/ul	99
83) Butylbenzylphthalate	20.616	149	903659	39.981	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	533273	38.285	ng/ul	96
85) Benzo(a)anthracene	21.451	228	1794382	33.966	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	1343941	38.440	ng/ul	98
87) Chrysene	21.504	228	1683018	33.994	ng/ul	97
89) Di-n-octyl phthalate	22.327	149	2367788	36.645	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1798999	34.264	ng/ul	98
91) Benzo(k)fluoranthene	23.168	252	1745258	32.476	ng/ul	97
93) Benzo(a)pyrene	23.733	252	1684288	33.450	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.292	276	2062555	33.639	ng/ul	97
95) Dibenzo(a,h)anthracene	26.321	278	1690797	33.778	ng/ul	96
96) Benzo(g,h,i)perylene	27.045	276	1669017	32.546	ng/ul	97

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

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