Quantitation Report (Qedit)

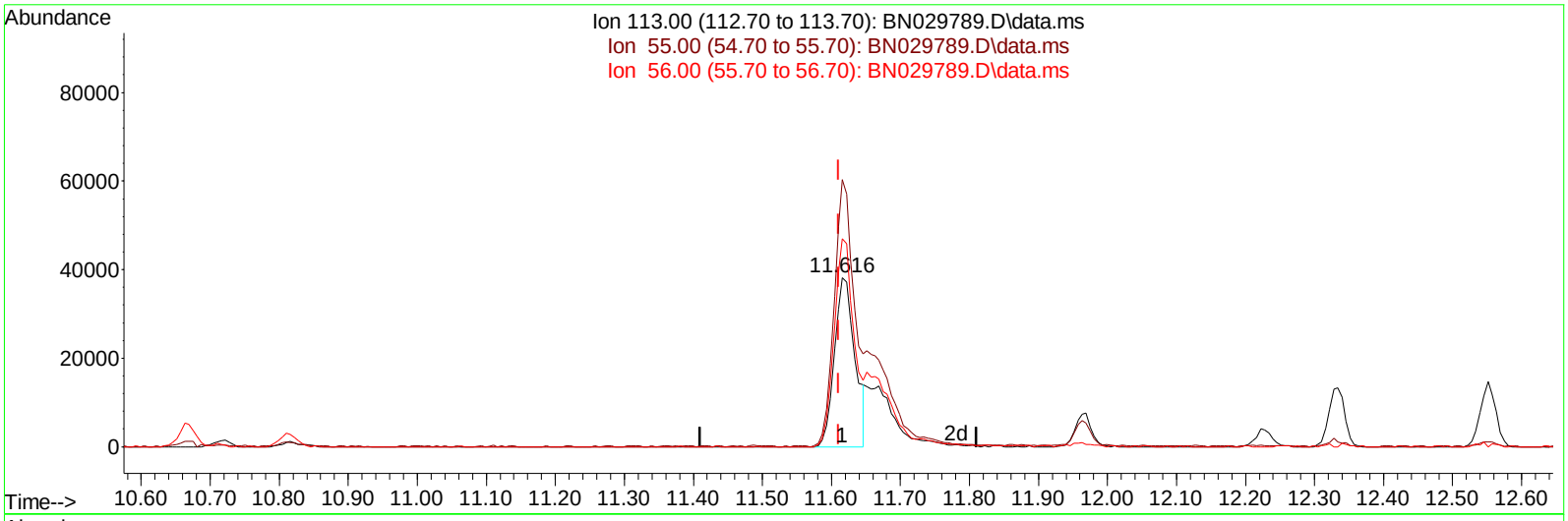
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029789.D
Acq On : 15 Feb 2024 02:53
Operator : MA/JU
Sample : PB158893BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

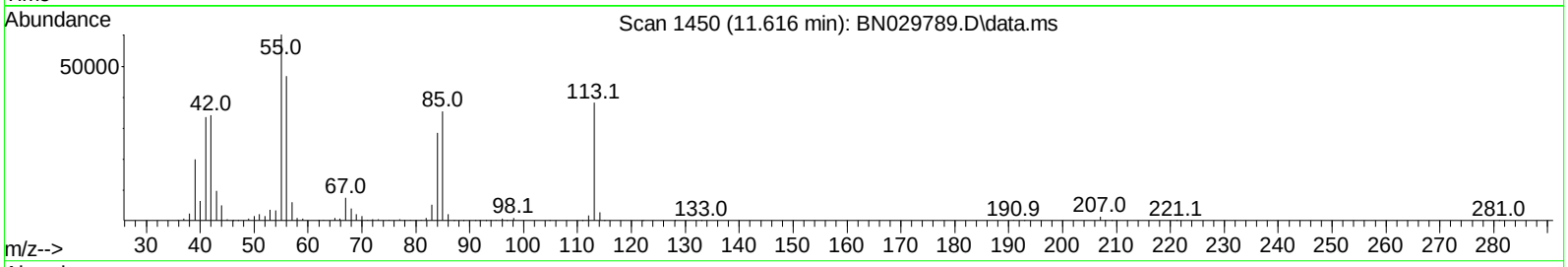
Quant Time: Feb 15 03:19:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 13 22:50:45 2024
Response via : Initial Calibration

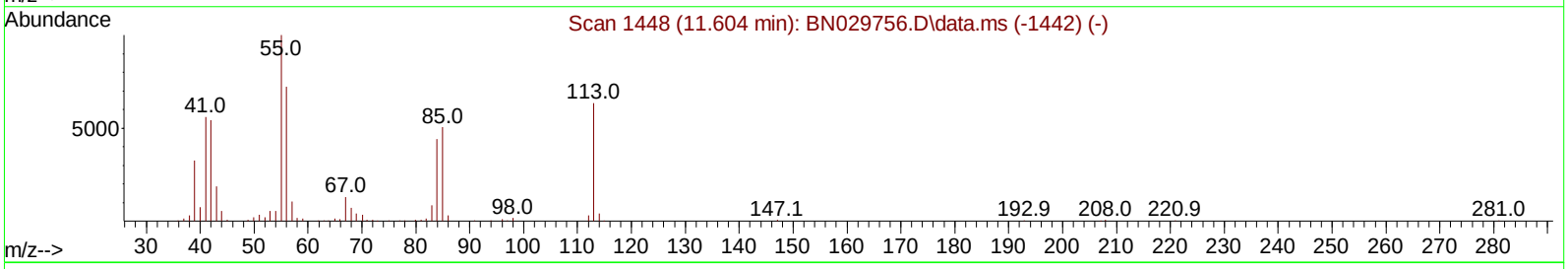
Instrument :
BNA_N
ClientSampleId :
SLCS893

Manual IntegrationsAPPROVED

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







TIC: BN029789.D\data.ms

(34) Caprolactam

11.616min (+ 0.006) 24.46 ng/ul

response 78708

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	157.76
56.00	129.20	122.75
0.00	0.00	0.00

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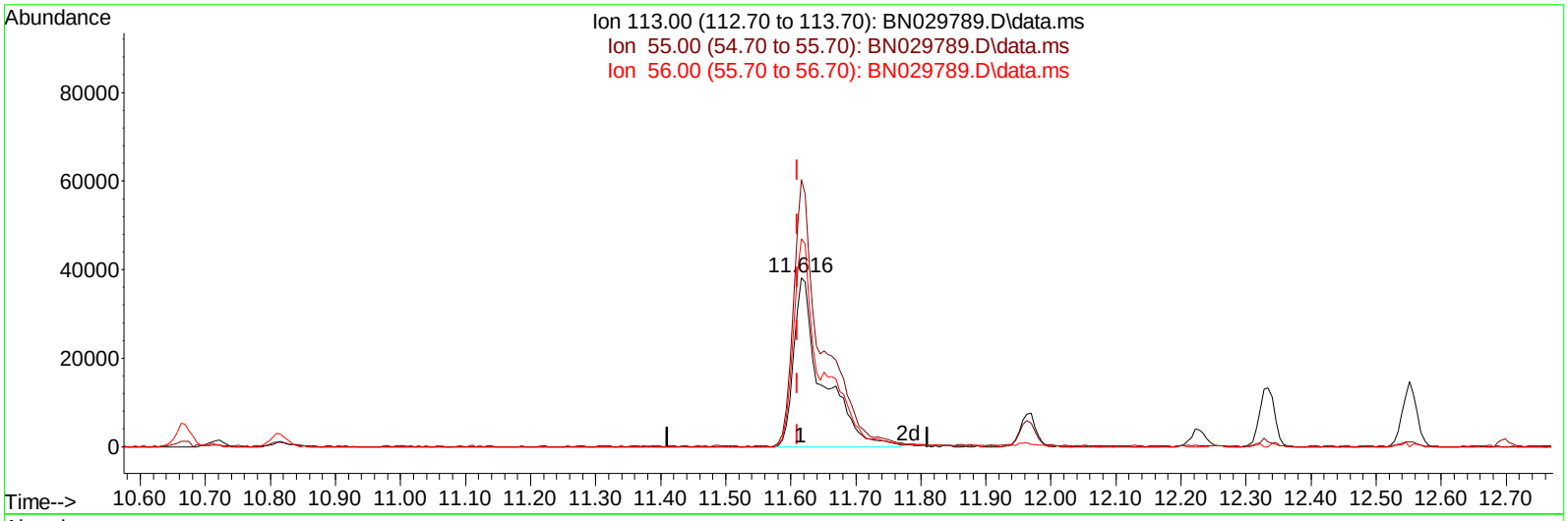

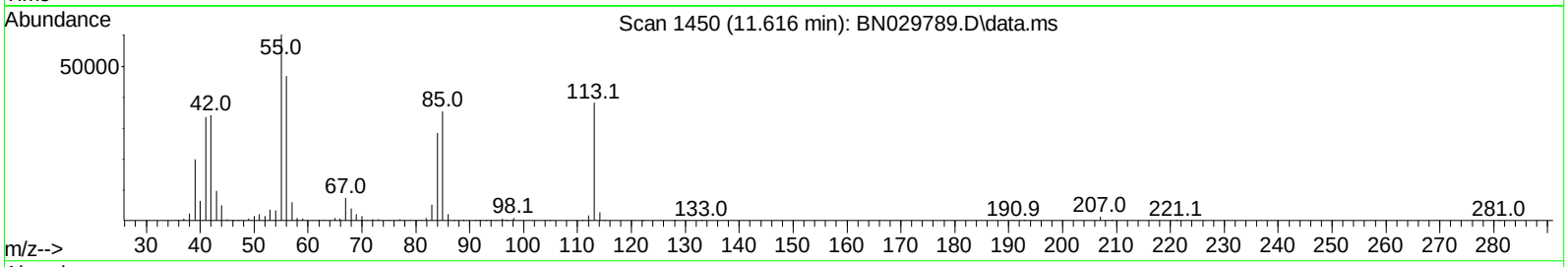

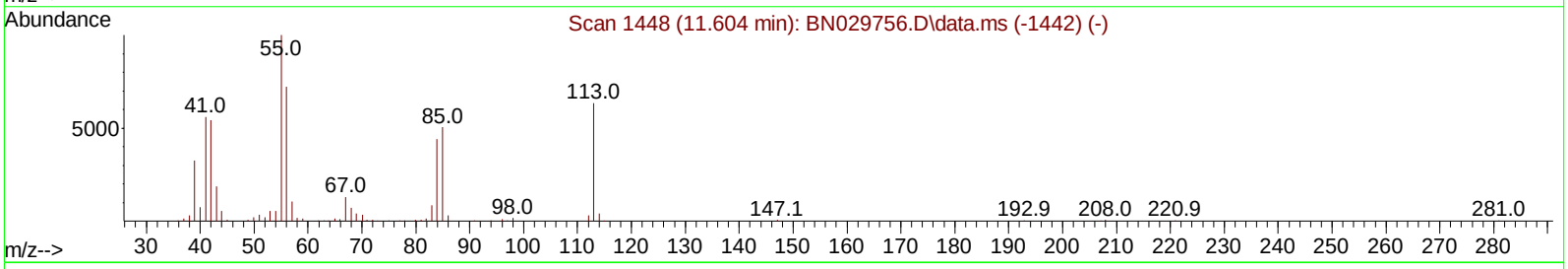

TIC: BN029789.D\data.ms

(34) Caprolactam

11.616min (+ 0.006) 36.72 ng/ul m

response 118167

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	157.76
56.00	129.20	122.75
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB158893BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

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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	173785	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	701438	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	374870	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	769227	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	660999	20.000	ng/ul	0.00
88) Perylene-d12	23.833	264	753923	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	27468	5.199	ng/uL	0.00
4) Pyridine-d5	3.728	84	382758	27.164	ng/ul	0.00
7) Phenol-d5	7.040	99	473552	29.132	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	300009	27.654	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	376888	31.996	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	364348	30.055	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	179040	32.887	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	183671	38.738	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	321724	34.377	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	462016	28.937	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	906508	32.480	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	1067358	32.203	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	179653	33.915	ng/ul	0.00
60) Fluorene-d10	15.510	176	760195	32.018	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	119719	31.941	ng/ul	0.00
73) Anthracene-d10	17.363	188	1148623	31.861	ng/ul	0.00
81) Pyrene-d10	19.663	212	1312647	33.092	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	1240363	32.879	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	61086	11.163	ng/uL#	95
5) Pyridine	3.746	79	403064	27.650	ng/ul	96
6) Benzaldehyde	7.016	77	269839	37.033	ng/ul	96
8) Phenol	7.069	94	512859	30.785	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.305	93	412663	29.458	ng/ul	97
12) 2-Chlorophenol	7.434	128	408032	33.016	ng/ul	96
13) 2-Methylphenol	8.316	108	371813	30.928	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.399	45	516130	28.210	ng/ul	98
16) Acetophenone	8.699	105	601369	31.169	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.687	70	319136	32.038	ng/ul	98
18) 4-Methylphenol	8.652	108	399122	31.418	ng/ul	98
19) Hexachloroethane	8.940	117	178834	31.183	ng/ul	97
22) Nitrobenzene	9.081	77	491386	31.856	ng/ul	99
23) Isophorone	9.604	82	890101	33.128	ng/ul	99
25) 2-Nitrophenol	9.787	139	210232	38.828	ng/ul	97
26) 2,4-Dimethylphenol	9.852	107	379101	29.215	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.093	93	527347	30.883	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	332578	34.391	ng/ul	98
30) Naphthalene	10.716	128	1244417	31.038	ng/ul	100
32) 4-Chloroaniline	10.840	127	401050	25.445	ng/ul	98
33) Hexachlorobutadiene	10.993	225	200163	33.538	ng/ul	100
34) Caprolactam	11.616	113	118167m	36.722	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	394583	35.326	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	805320	32.767	ng/ul	100
37) 1-Methylnaphthalene	12.551	142	778470	31.949	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.698	216	370198	33.316	ng/ul	97
40) Hexachlorocyclopentadiene	12.669	237	182416	25.115	ng/ul	96
41) 2,4,6-Trichlorophenol	12.945	196	224650	35.076	ng/ul	99
42) 2,4,5-Trichlorophenol	13.016	196	251515	34.950	ng/ul	96
43) 1,1'-Biphenyl	13.351	154	993583	31.428	ng/ul	96
44) 2-Chloronaphthalene	13.387	162	778736	31.694	ng/ul	100
45) 2-Nitroaniline	13.604	65	266733	36.924	ng/ul	94
47) Dimethylphthalate	13.987	163	953432	33.373	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	196249	38.388	ng/ul	97
50) Acenaphthylene	14.234	152	1278953	32.152	ng/ul	99
51) 3-Nitroaniline	14.434	138	214767	36.096	ng/ul	98
52) Acenaphthene	14.575	153	824315	31.371	ng/ul	97
53) 2,4-Dinitrophenol	14.640	184	78570	30.285	ng/ul	95
55) 4-Nitrophenol	14.740	109	170046	35.107	ng/ul	93
56) Dibenzofuran	14.916	168	1083071	31.214	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	285770	39.704	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.139	232	189664	37.135	ng/ul	98
59) Diethylphthalate	15.351	149	1027969	35.028	ng/ul	99
61) Fluorene	15.563	166	914540	33.345	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.563	204	414918	33.823	ng/ul	97
63) 4-Nitroaniline	15.598	138	240942	44.868	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.657	198	133842	32.390	ng/ul#	91
67) N-Nitrosodiphenylamine	15.781	169	774017	32.290	ng/ul	97
68) 4-Bromophenyl-phenylether	16.463	248	249562	34.277	ng/ul	92
69) Hexachlorobenzene	16.563	284	285909	34.839	ng/ul	95
70) Atrazine	16.739	200	144258	19.263	ng/ul	97
71) Pentachlorophenol	16.910	266	156359	32.808	ng/ul	99
72) Phenanthrene	17.310	178	1443761	32.447	ng/ul	99
74) Anthracene	17.398	178	1448189	32.429	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.304	216	358145	31.728	ng/uL	97
76) Pentachlorobenzene	14.828	250	321173	31.776	ng/uL	98
77) Carbazole	17.675	167	1373145	33.665	ng/ul	100
78) Di-n-butylphthalate	18.251	149	1842639	37.568	ng/ul	99
80) Fluoranthene	19.328	202	1670397	34.666	ng/ul	99
82) Pyrene	19.692	202	1690993	33.173	ng/ul	97
83) Butylbenzylphthalate	20.616	149	868047	41.783	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.392	252	466811	36.461	ng/ul	96
85) Benzo(a)anthracene	21.451	228	1685345	34.708	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1328063	41.327	ng/ul	99
87) Chrysene	21.504	228	1564751	34.386	ng/ul	97
89) Di-n-octyl phthalate	22.327	149	2350728	40.225	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1585818	33.394	ng/ul	97
91) Benzo(k)fluoranthene	23.163	252	1621933	33.369	ng/ul	95
93) Benzo(a)pyrene	23.733	252	1491985	32.762	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.292	276	1819212	32.805	ng/ul	98
95) Dibenzo(a,h)anthracene	26.315	278	1506027	33.265	ng/ul	96
96) Benzo(g,h,i)perylene	27.045	276	1453169	31.330	ng/ul	95

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

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