Quantitation Report (Qedit)

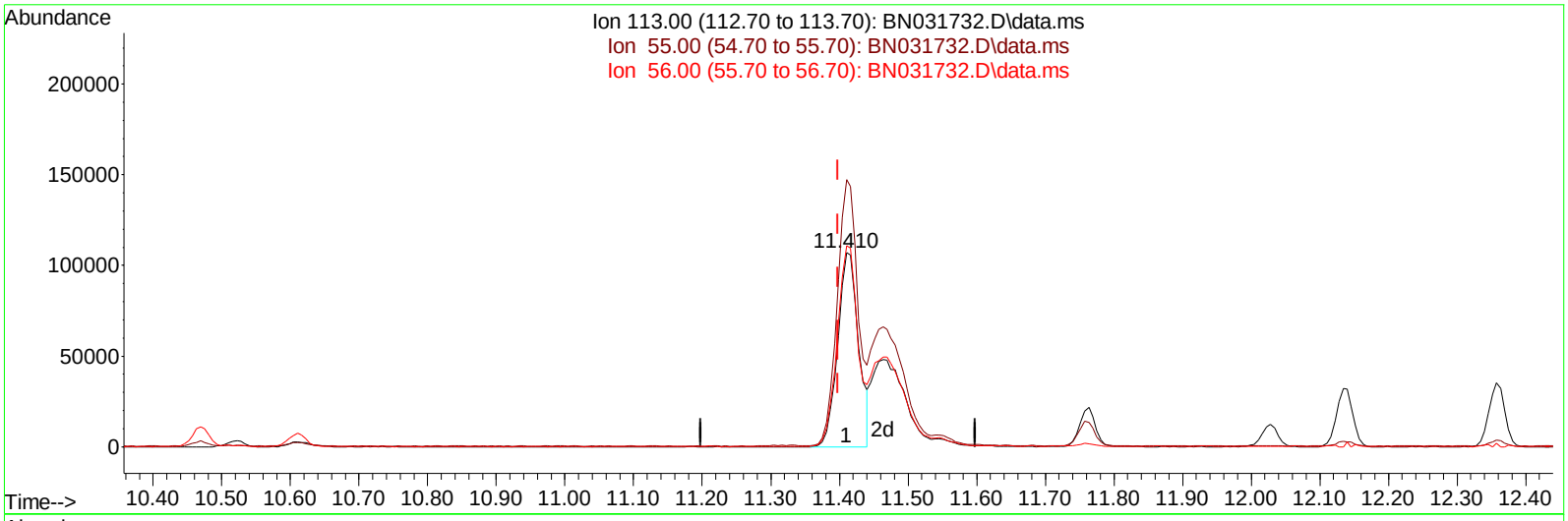
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031732.D
Acq On : 31 May 2024 01:32
Operator : MA/JU
Sample : PB161108BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

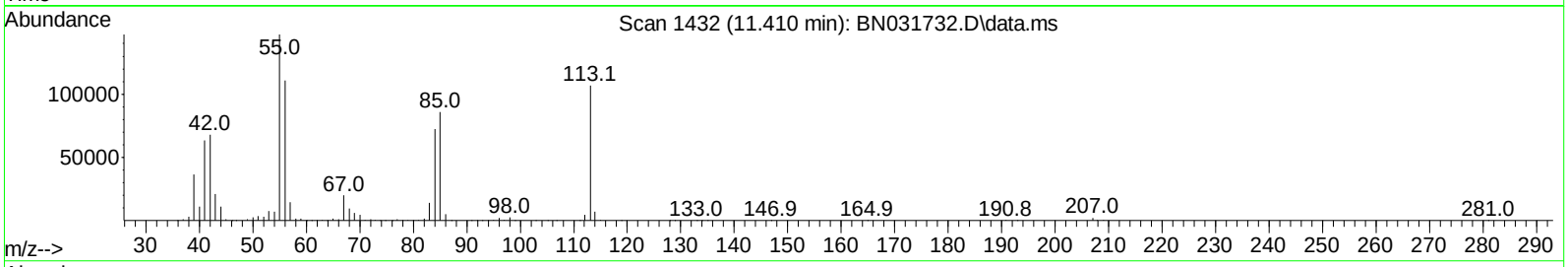
Quant Time: May 31 02:02:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

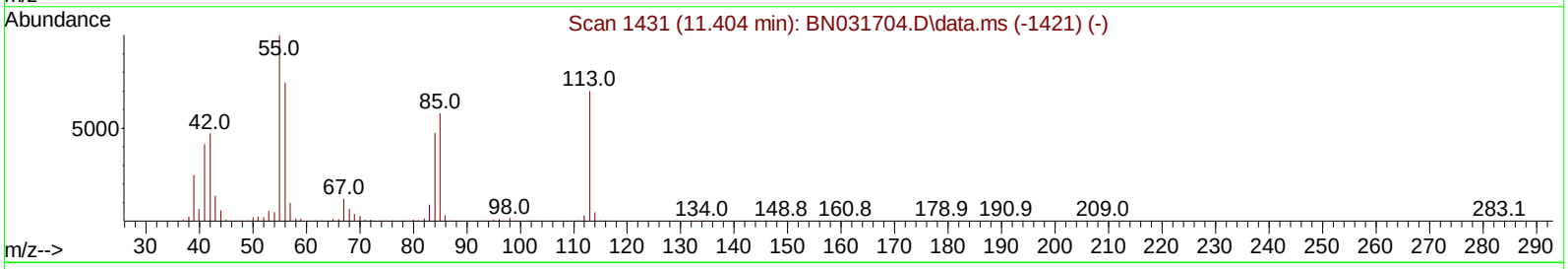
Instrument :
BNA_N
ClientSampleId :
SLCS108

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024







TIC: BN031732.D\data.ms

(34) Caprolactam

11.410min (+ 0.012) 19.91 ng/ul

response 224567

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	137.46
56.00	111.70	103.56
0.00	0.00	0.00

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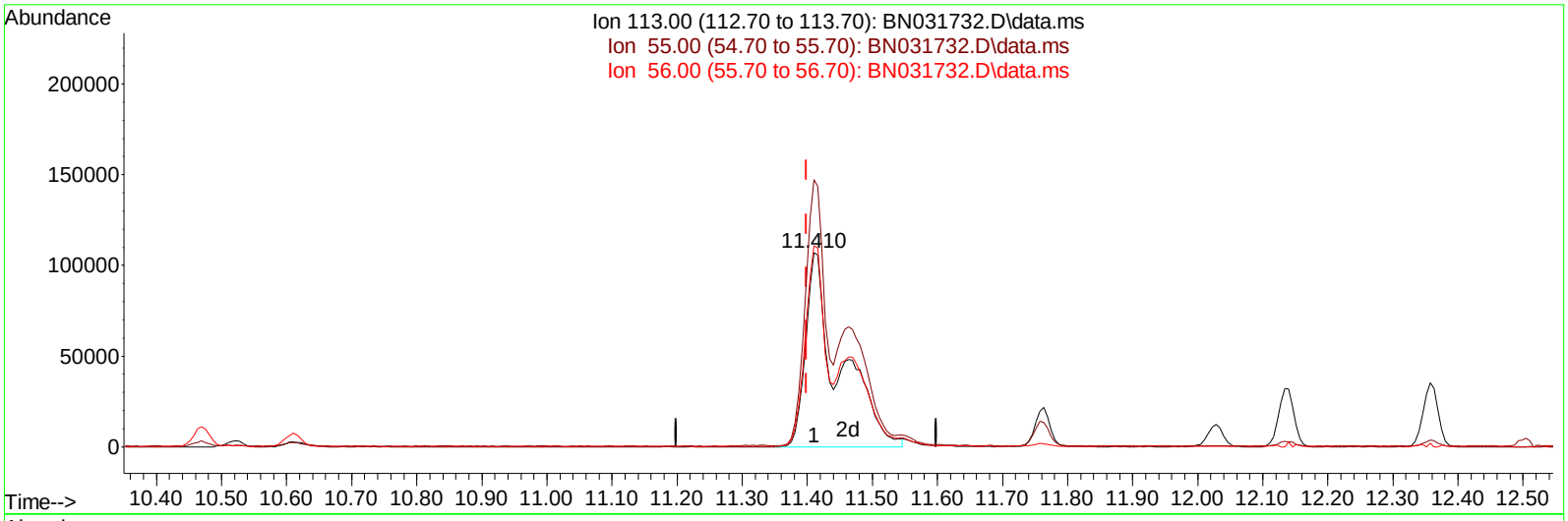

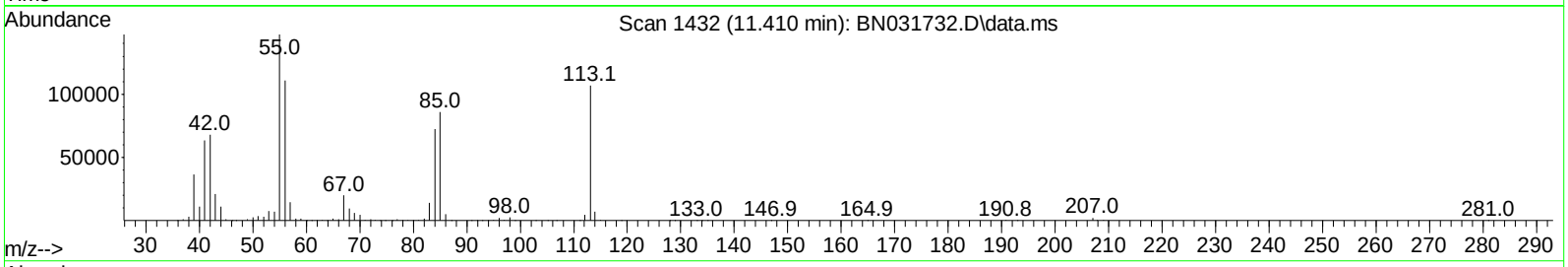

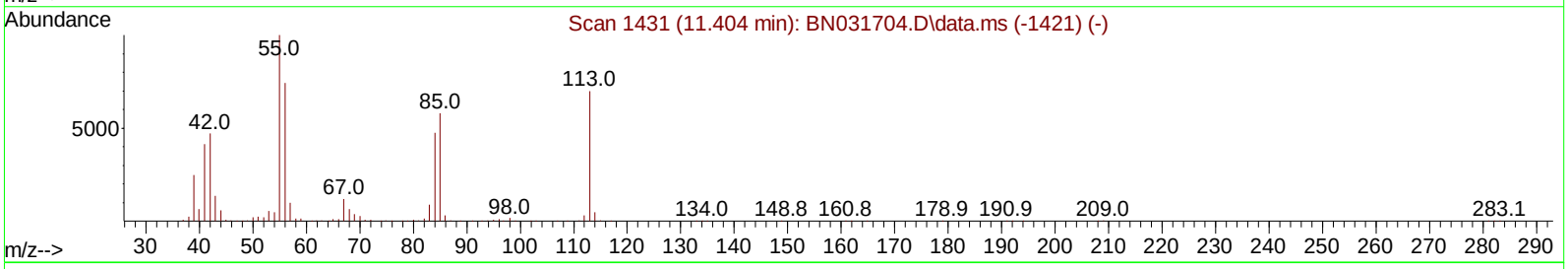

TIC: BN031732.D\data.ms

(34) Caprolactam

11.410min (+ 0.012) 34.26 ng/ul m

response 386509

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	137.46
56.00	111.70	103.56
0.00	0.00	0.00

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Acq On : 31 May 2024 01:32
Operator : MA/JU
Sample : PB161108BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 31 02:02:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	432109	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	1985118	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1256024	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	2628946	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1870728	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1658269	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	62375	5.972	ng/uL	0.00
4) Pyridine-d5	3.593	84	943782	32.099	ng/ul	0.00
7) Phenol-d5	6.858	99	1325030	35.769	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	735349	33.937	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	1036056	36.655	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	1090542	36.115	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	539197	35.524	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	579632	36.969	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	1039989	35.530	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	1442000	33.180	ng/ul	0.00
46) Dimethylphthalate-d6	13.746	166	3066542	35.045	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	3518627	34.971	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	648315	37.005	ng/ul	0.00
60) Fluorene-d10	15.322	176	2499293	33.757	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	470436	35.600	ng/ul	0.01
73) Anthracene-d10	17.175	188	4027252	35.781	ng/ul	0.00
81) Pyrene-d10	19.469	212	4202185	41.977	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.051	264	2770702	34.991	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	132989	11.900	ng/uL	99
5) Pyridine	3.611	79	924968	31.463	ng/ul	97
6) Benzaldehyde	6.834	77	719119	41.388	ng/ul	97
8) Phenol	6.881	94	1331840	35.327	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.116	93	1019301	32.698	ng/ul	97
12) 2-Chlorophenol	7.252	128	1020134	34.489	ng/ul	100
13) 2-Methylphenol	8.128	108	1012527	34.773	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.211	45	1143285	31.860	ng/ul	100
16) Acetophenone	8.511	105	1580581	34.539	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.499	70	779526	32.872	ng/ul	97
18) 4-Methylphenol	8.458	108	1115516	35.341	ng/ul	99
19) Hexachloroethane	8.758	117	406967	32.491	ng/ul	92
22) Nitrobenzene	8.887	77	1160939	32.103	ng/ul	95
23) Isophorone	9.410	82	2342376	31.576	ng/ul	99
25) 2-Nitrophenol	9.593	139	609323	35.571	ng/ul	97
26) 2,4-Dimethylphenol	9.652	107	1001073	30.041	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.893	93	1449960	31.362	ng/ul	100
29) 2,4-Dichlorophenol	10.116	162	999423	34.580	ng/ul	97
30) Naphthalene	10.522	128	3303609	32.156	ng/ul	99
32) 4-Chloroaniline	10.634	127	1267585	30.042	ng/ul	99
33) Hexachlorobutadiene	10.799	225	557433	32.113	ng/ul	94
34) Caprolactam	11.410	113	386509m	34.261	ng/ul	
35) 4-Chloro-3-methylphenol	11.763	107	1160474	34.352	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.134	142	2287892	32.580	ng/ul	96
37) 1-Methylnaphthalene	12.357	142	2330215	33.071	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.504	216	1165953	35.100	ng/ul	99
40) Hexachlorocyclopentadiene	12.481	237	499409	26.086	ng/ul	96
41) 2,4,6-Trichlorophenol	12.751	196	803847	35.653	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	886811	36.195	ng/ul	97
43) 1,1'-Biphenyl	13.157	154	2950841	33.401	ng/ul	96
44) 2-Chloronaphthalene	13.198	162	2310364	33.389	ng/ul	99
45) 2-Nitroaniline	13.410	65	712592	35.526	ng/ul	92
47) Dimethylphthalate	13.793	163	2933763	32.784	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	630718	35.457	ng/ul	96
50) Acenaphthylene	14.051	152	3745866	32.943	ng/ul	99
51) 3-Nitroaniline	14.240	138	718874	37.798	ng/ul	98
52) Acenaphthene	14.393	153	2467643	32.798	ng/ul	97
53) 2,4-Dinitrophenol	14.451	184	315284	35.109	ng/ul	97
55) 4-Nitrophenol	14.551	109	451201	34.717	ng/ul	95
56) Dibenzofuran	14.728	168	3440230	33.656	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	932467	35.726	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.951	232	717507	35.010	ng/ul	94
59) Diethylphthalate	15.163	149	3047426	33.002	ng/ul	100
61) Fluorene	15.381	166	2745602	33.355	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.375	204	1307389	32.792	ng/ul	98
63) 4-Nitroaniline	15.404	138	785322	43.376	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	500555	35.633	ng/ul	96
67) N-Nitrosodiphenylamine	15.592	169	2498250	34.476	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	850963	33.408	ng/ul	98
69) Hexachlorobenzene	16.375	284	979597	33.932	ng/ul	99
70) Atrazine	16.551	200	798429	34.896	ng/ul	98
71) Pentachlorophenol	16.722	266	659138	35.685	ng/ul	91
72) Phenanthrene	17.116	178	4450914	33.235	ng/ul	99
74) Anthracene	17.210	178	4455104	32.831	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	1126683	33.297	ng/uL	96
76) Pentachlorobenzene	14.645	250	1098642	33.334	ng/uL	98
77) Carbazole	17.481	167	4310107	37.249	ng/ul	99
78) Di-n-butylphthalate	18.051	149	5421866	34.059	ng/ul	100
80) Fluoranthene	19.133	202	5107155	42.689	ng/ul	99
82) Pyrene	19.504	202	5099108	41.541	ng/ul	98
83) Butylbenzylphthalate	20.410	149	2440566	42.096	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.222	252	1291092	35.990	ng/ul	99
85) Benzo(a)anthracene	21.292	228	4238940	33.853	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	3420188	40.470	ng/ul	98
87) Chrysene	21.351	228	4073864	34.831	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	5936651	53.475	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	3467169	34.980	ng/ul	97
91) Benzo(k)fluoranthene	23.386	252	3448647	35.457	ng/ul	100
93) Benzo(a)pyrene	24.116	252	2824167	30.422	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.562	276	3665354	34.264	ng/ul	97
95) Dibenzo(a,h)anthracene	27.621	278	3003024	34.384	ng/ul	96
96) Benzo(g,h,i)perylene	28.598	276	2900403	34.107	ng/ul	97

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

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