Quantitation Report (Qedit)

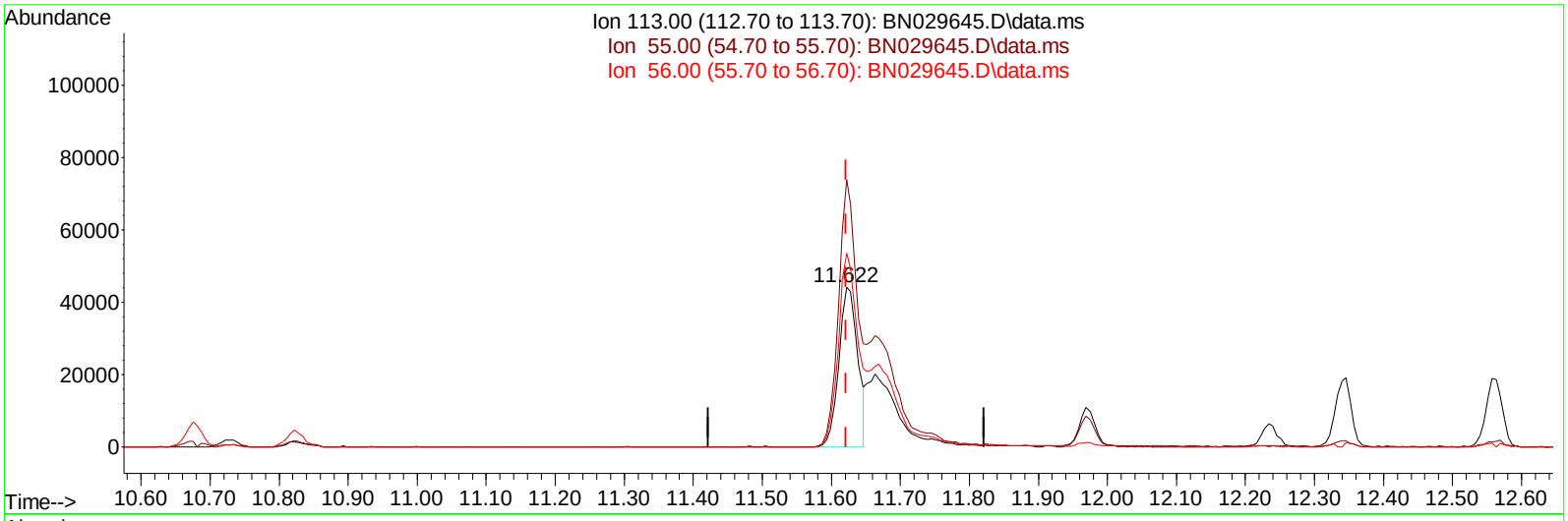
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029645.D
Acq On : 10 Feb 2024 12:47
Operator : MA/JU
Sample : PB158923BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

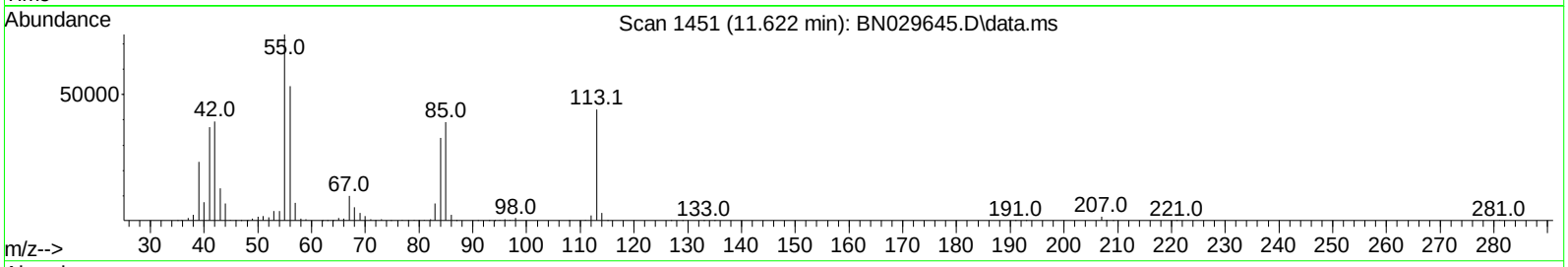
Quant Time: Feb 11 22:12:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 08 00:25:29 2024
Response via : Initial Calibration

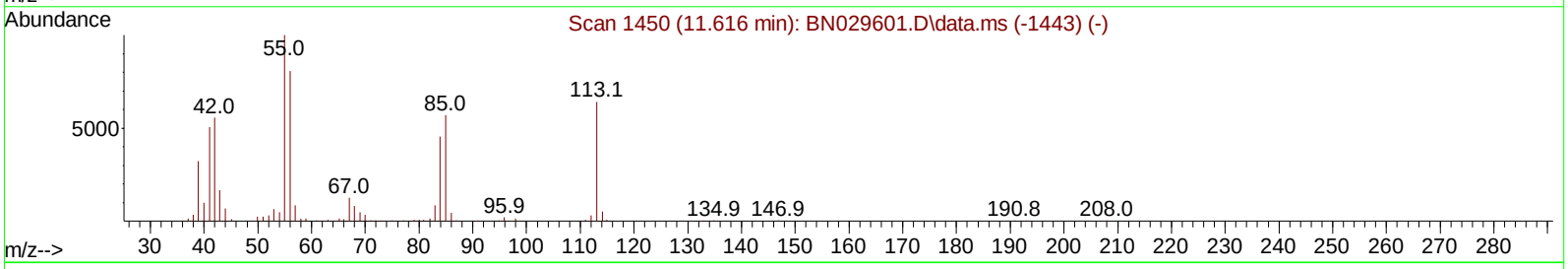
Instrument :
BNA_N
ClientSampleId :
SLCS923

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/12/2024
Supervised By :mohammad ahmed 02/13/2024







TIC: BN029645.D\data.ms

(34) Caprolactam

11.622min (+ 0.000) 19.84 ng/ul

response 83188

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	166.99
56.00	129.20	120.94
0.00	0.00	0.00

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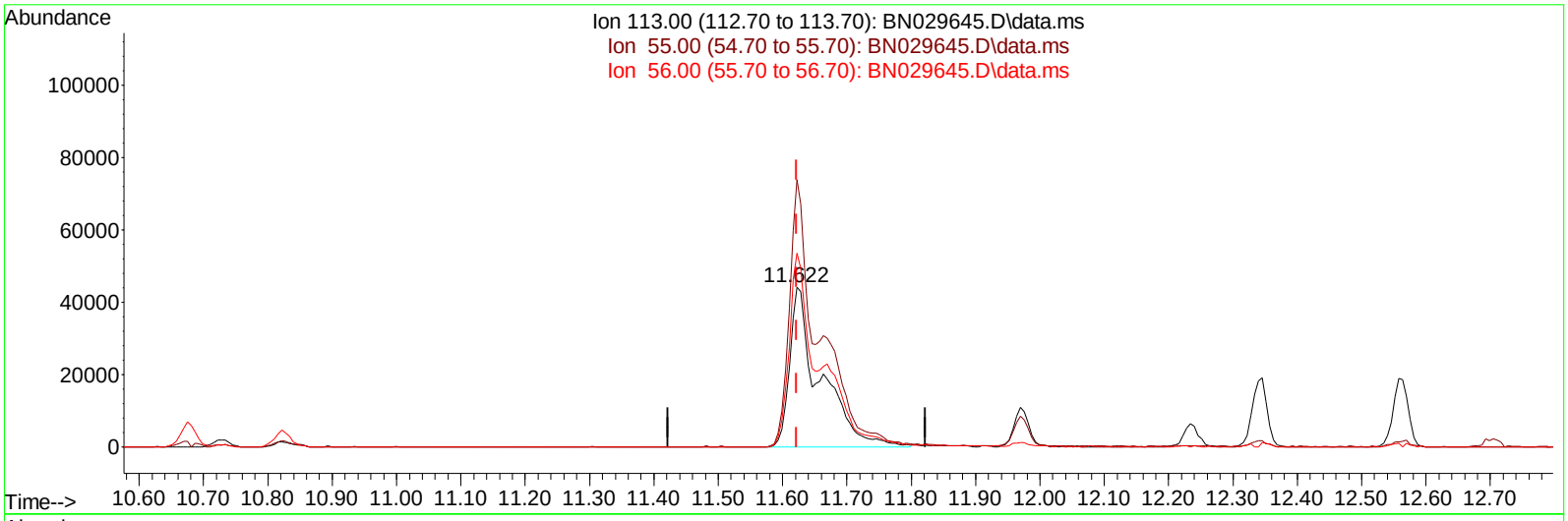

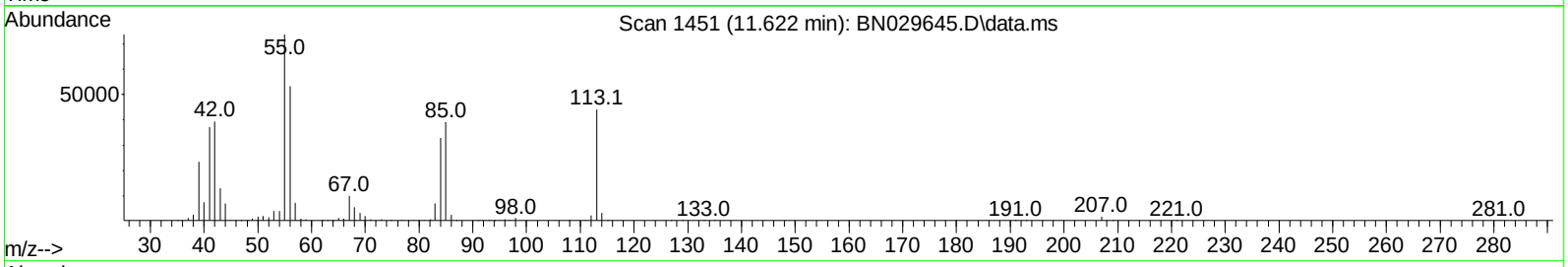

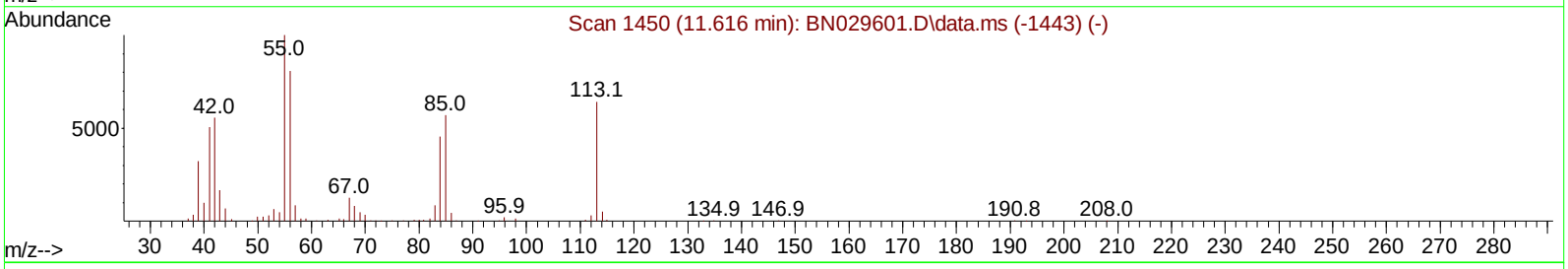

TIC: BN029645.D\data.ms

(34) Caprolactam

11.622min (+ 0.000) 34.69 ng/ul m

response 145455

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	166.99
56.00	129.20	120.94
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	7.875	152	224203	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.675	136	913861	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	453584	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	832142	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	631618	20.000	ng/ul	-0.01
88) Perylene-d12	23.839	264	706627	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	43648	6.403	ng/uL	0.00
4) Pyridine-d5	3.734	84	587346	32.310	ng/ul	0.00
7) Phenol-d5	7.046	99	713070	34.003	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	471347	33.678	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	545387	35.889	ng/ul	-0.01
15) 4-Methylphenol-d8	8.593	113	536644	34.313	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	261921	36.928	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	251267	40.676	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.299	165	457585	37.529	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	647503	31.128	ng/ul	-0.01
46) Dimethylphthalate-d6	13.946	166	1221081	36.159	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1482059	36.955	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	221190	34.510	ng/ul	0.00
60) Fluorene-d10	15.516	176	1003387	34.927	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	148056	36.515	ng/ul	0.00
73) Anthracene-d10	17.375	188	1399608	35.888	ng/ul	0.00
81) Pyrene-d10	19.669	212	1449994	38.254	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.692	264	1353755	38.286	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	90340	12.796	ng/uL	97
5) Pyridine	3.752	79	616874	32.801	ng/ul	95
6) Benzaldehyde	7.022	77	384359	40.888	ng/ul	98
8) Phenol	7.075	94	764929	35.590	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.317	93	631592	34.947	ng/ul	98
12) 2-Chlorophenol	7.440	128	589130	36.950	ng/ul	99
13) 2-Methylphenol	8.322	108	548527	35.367	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.411	45	825603	34.978	ng/ul	98
16) Acetophenone	8.711	105	878645	35.299	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.699	70	471807	36.713	ng/ul	99
18) 4-Methylphenol	8.658	108	591607	36.098	ng/ul	97
19) Hexachloroethane	8.946	117	256249	34.633	ng/ul	96
22) Nitrobenzene	9.087	77	725672	36.109	ng/ul	99
23) Isophorone	9.616	82	1272285	36.346	ng/ul	98
25) 2-Nitrophenol	9.793	139	289325	41.015	ng/ul	100
26) 2,4-Dimethylphenol	9.858	107	541767	32.046	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.105	93	799834	35.953	ng/ul	98
29) 2,4-Dichlorophenol	10.322	162	470877	37.374	ng/ul	98
30) Naphthalene	10.728	128	1828232	35.000	ng/ul	99
32) 4-Chloroaniline	10.846	127	563814	27.457	ng/ul	100
33) Hexachlorobutadiene	11.005	225	273392	35.160	ng/ul	96
34) Caprolactam	11.622	113	145455m	34.695	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	546160	37.531	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.340	142	1160843	36.253	ng/ul	99
37)	1-Methylnaphthalene	12.563	142	1131730	35.650	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.704	216	497724	37.020	ng/ul	94
40)	Hexachlorocyclopentadiene	12.675	237	273318	31.100	ng/ul	93
41)	2,4,6-Trichlorophenol	12.952	196	297996	38.454	ng/ul	96
42)	2,4,5-Trichlorophenol	13.022	196	336659	38.663	ng/ul	96
43)	1,1'-Biphenyl	13.357	154	1411050	36.887	ng/ul	97
44)	2-Chloronaphthalene	13.399	162	1100196	37.006	ng/ul	99
45)	2-Nitroaniline	13.610	65	349407	39.975	ng/ul	97
47)	Dimethylphthalate	13.993	163	1290408	37.329	ng/ul	99
48)	2,6-Dinitrotoluene	14.116	165	248901	40.239	ng/ul	98
50)	Acenaphthylene	14.246	152	1774389	36.866	ng/ul	99
51)	3-Nitroaniline	14.440	138	263487	36.600	ng/ul	98
52)	Acenaphthene	14.587	153	1162044	36.549	ng/ul	95
53)	2,4-Dinitrophenol	14.646	184	105581	33.634	ng/ul	94
55)	4-Nitrophenol	14.746	109	199385	34.020	ng/ul	97
56)	Dibenzofuran	14.922	168	1509467	35.953	ng/ul	99
57)	2,4-Dinitrotoluene	14.899	165	353561	40.598	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	15.146	232	235063	38.037	ng/ul	98
59)	Diethylphthalate	15.357	149	1320244	37.181	ng/ul	98
61)	Fluorene	15.575	166	1183128	35.651	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.575	204	550453	37.085	ng/ul	93
63)	4-Nitroaniline	15.604	138	274273	42.211	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.657	198	170894	38.230	ng/ul	97
67)	N-Nitrosodiphenylamine	15.787	169	1004263	38.728	ng/ul	96
68)	4-Bromophenyl-phenylether	16.469	248	305957	38.845	ng/ul	93
69)	Hexachlorobenzene	16.569	284	346562	39.037	ng/ul	97
70)	Atrazine	16.745	200	174636	21.556	ng/ul	96
71)	Pentachlorophenol	16.916	266	175602	34.060	ng/ul	99
72)	Phenanthrene	17.316	178	1782017	37.020	ng/ul	99
74)	Anthracene	17.410	178	1796998	37.198	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.316	216	488059	39.969	ng/uL	97
76)	Pentachlorobenzene	14.834	250	426995	39.052	ng/uL	94
77)	Carbazole	17.681	167	1590106	36.037	ng/ul	99
78)	Di-n-butylphthalate	18.263	149	2078835	39.179	ng/ul	100
80)	Fluoranthene	19.334	202	1806176	39.228	ng/ul	96
82)	Pyrene	19.698	202	1899673	39.000	ng/ul	99
83)	Butylbenzylphthalate	20.622	149	846918	42.663	ng/ul	92
84)	3,3'-Dichlorobenzidine	21.398	252	459212	37.536	ng/ul	92
85)	Benzo(a)anthracene	21.457	228	1758027	37.889	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.404	149	1256634	40.923	ng/ul	97
87)	Chrysene	21.510	228	1661072	38.200	ng/ul	97
89)	Di-n-octyl phthalate	22.333	149	2088506	38.130	ng/ul	100
90)	Benzo(b)fluoranthene	23.122	252	1815533	40.791	ng/ul	99
91)	Benzo(k)fluoranthene	23.175	252	1669088	36.638	ng/ul	97
93)	Benzo(a)pyrene	23.739	252	1656166	38.801	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	26.298	276	1988165	38.251	ng/ul	96
95)	Dibenzo(a,h)anthracene	26.327	278	1691093	39.853	ng/ul	97
96)	Benzo(g,h,i)perylene	27.057	276	1668129	38.372	ng/ul	98

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

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