Quantitation Report (Qedit)

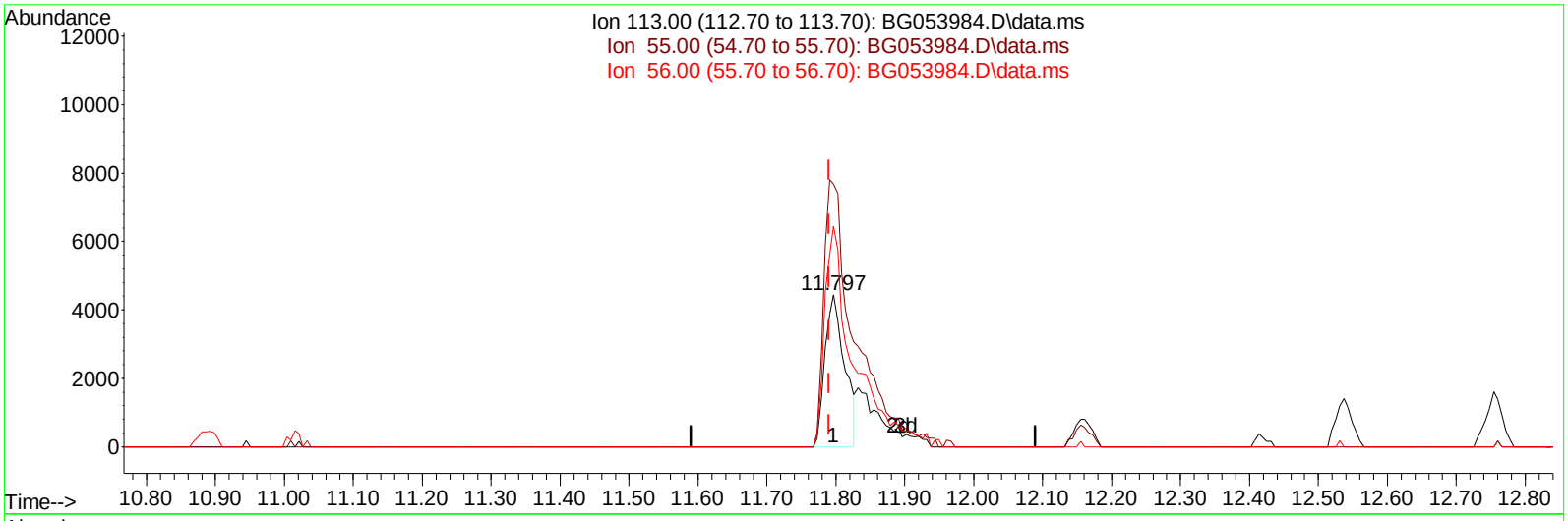
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062122\
Data File : BG053984.D
Acq On : 21 Jun 2022 18:42
Operator : CG/JU
Sample : PB145591BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

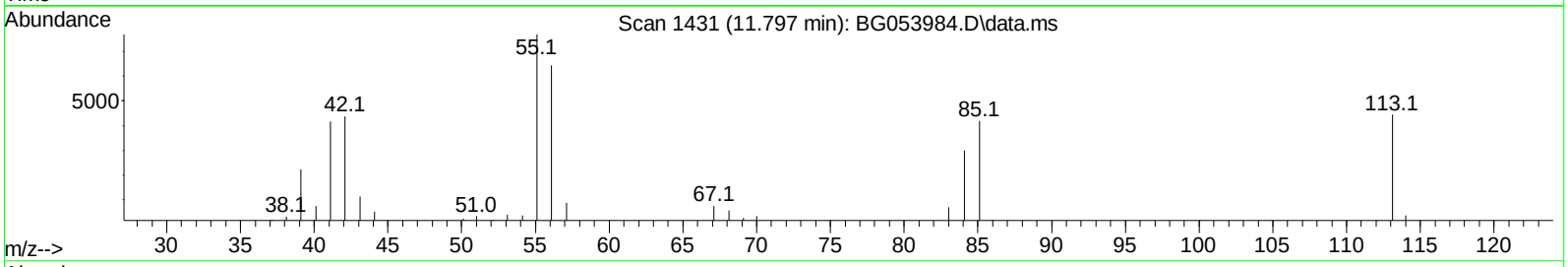
Quant Time: Jun 21 23:07:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

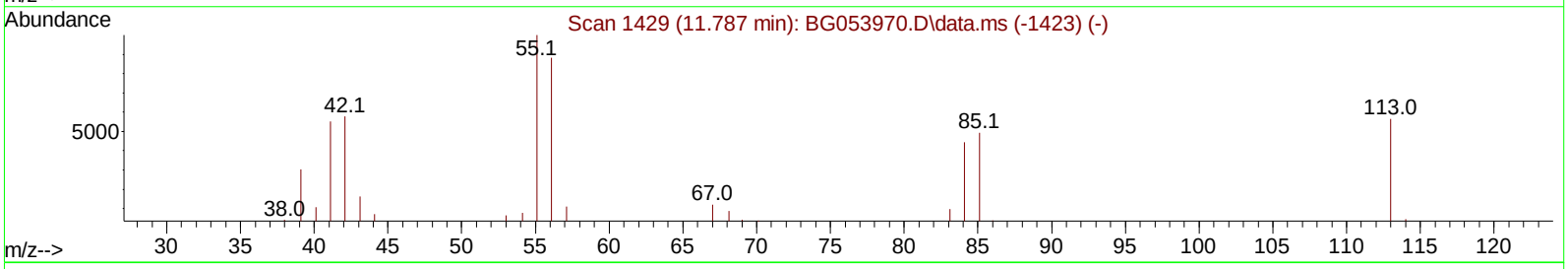
Instrument :
BNA_G
ClientSampleId :
SLCS591

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :mohammad ahmed 06/28/2022







TIC: BG053984.D\data.ms

(34) Caprolactam

11.797min (+ 0.006) 20.28 ng/ul

response 8838

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	172.78
56.00	159.50	145.02
0.00	0.00	0.00

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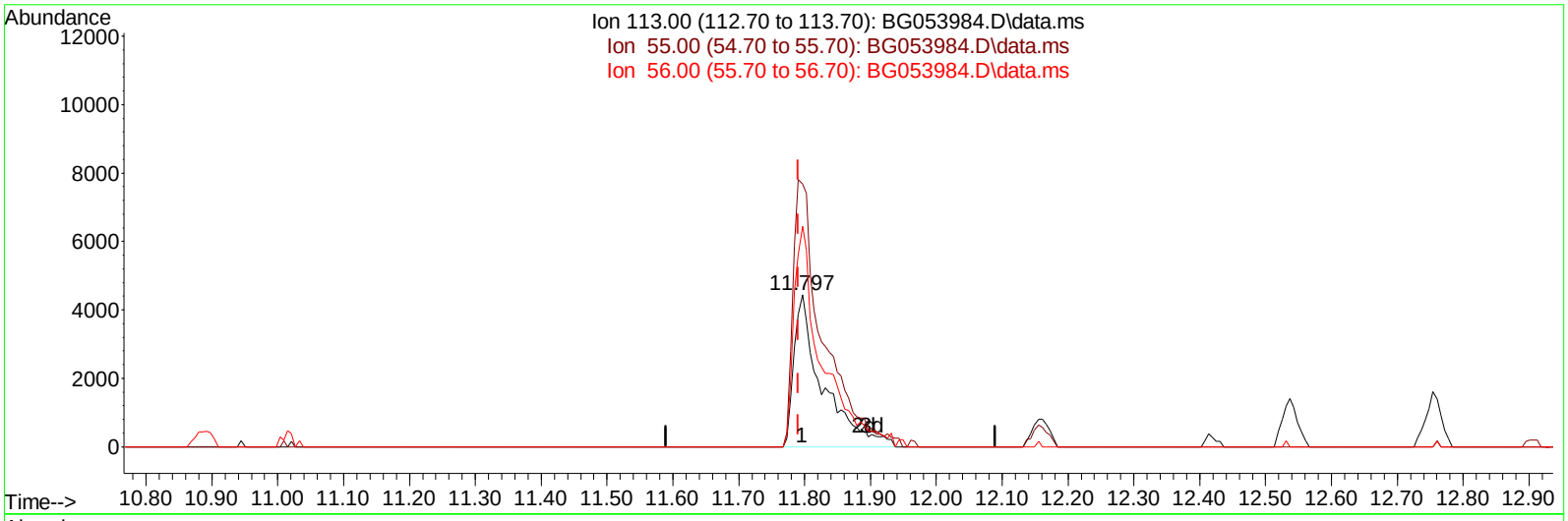

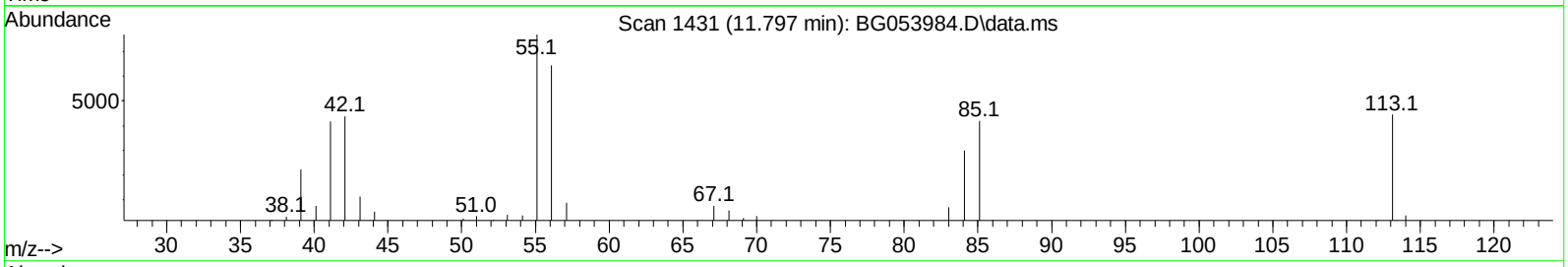

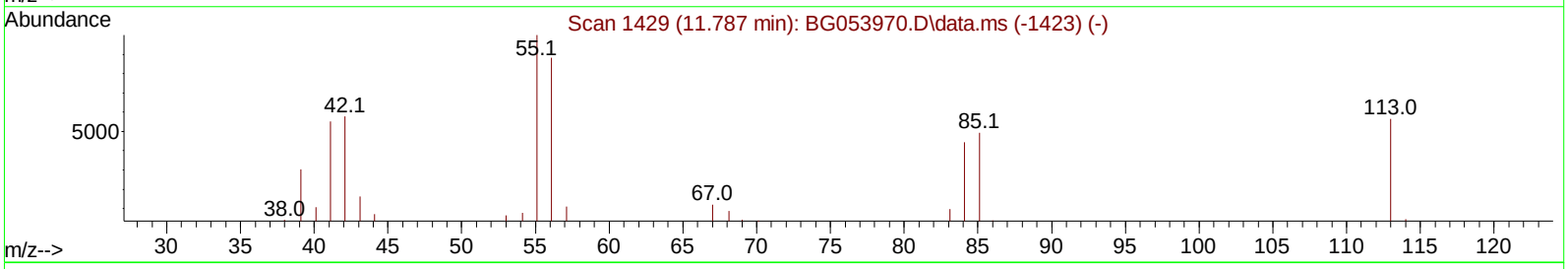

TIC: BG053984.D\data.ms

(34) Caprolactam

11.797min (+ 0.006) 30.71 ng/ul m

response 13379

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	172.78
56.00	159.50	145.02
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	8.077	152	21157	20.000	ng/ul	0.00
20) Naphthalene-d8	10.886	136	83674	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.705	164	64109	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.443	188	167494	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.720	240	185635	20.000	ng/ul	# 0.00
88) Perylene-d12	24.981	264	194325	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.500	96	2571	5.782	ng/uL	0.00
4) Pyridine-d5	3.918	84	35804	29.604	ng/ul	0.00
7) Phenol-d5	7.231	99	47994	31.664	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.402	67	27932	30.550	ng/ul	0.00
11) 2-Chlorophenol-d4	7.613	132	38199	31.604	ng/ul	0.00
15) 4-Methylphenol-d8	8.782	113	40191	31.099	ng/ul	0.00
21) Nitrobenzene-d5	9.241	128	19167	30.861	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	22080	33.460	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	47511	32.542	ng/ul	0.00
31) 4-Chloroaniline-d4	11.015	131	53341	28.920	ng/ul	0.00
46) Dimethylphthalate-d6	14.106	166	159779	31.681	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	167997	30.633	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	22344	32.356	ng/ul	0.00
60) Fluorene-d10	15.692	176	142301	31.412	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	30995	33.923	ng/ul	0.00
73) Anthracene-d10	17.543	188	240135	31.746	ng/ul	0.00
81) Pyrene-d10	19.828	212	316879	32.739	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.758	264	324735	33.106	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.541	88	5870	12.097	ng/uL#	81
5) Pyridine	3.935	79	36896	29.416	ng/ul	97
6) Benzaldehyde	7.214	77	32027	41.494	ng/ul	96
8) Phenol	7.261	94	50268	31.784	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.490	93	38063	31.773	ng/ul	91
12) 2-Chlorophenol	7.643	128	40084	32.481	ng/ul	92
13) 2-Methylphenol	8.518	108	38320	31.214	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.606	45	56222	31.595	ng/ul	99
16) Acetophenone	8.900	105	61360	30.700	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.882	70	31825	31.236	ng/ul	99
18) 4-Methylphenol	8.847	108	41431	31.547	ng/ul	97
19) Hexachloroethane	9.170	117	16739	32.010	ng/ul	91
22) Nitrobenzene	9.282	77	47067	31.816	ng/ul	97
23) Isophorone	9.805	82	89700	31.274	ng/ul	99
25) 2-Nitrophenol	9.993	139	23242	33.589	ng/ul	94
26) 2,4-Dimethylphenol	10.052	107	44863	29.691	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.287	93	51460	31.870	ng/ul	99
29) 2,4-Dichlorophenol	10.533	162	47371	32.445	ng/ul	96
30) Naphthalene	10.939	128	129186	31.124	ng/ul	99
32) 4-Chloroaniline	11.039	127	53414	29.203	ng/ul	97
33) Hexachlorobutadiene	11.227	225	43510	30.510	ng/ul	99
34) Caprolactam	11.797	113	13379m	30.707	ng/ul	
35) 4-Chloro-3-methylphenol	12.155	107	46444	33.078	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.537	142	94413	30.748	ng/ul	95
37) 1-Methylnaphthalene	12.754	142	94839	30.971	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.907	216	80749	30.988	ng/ul	97
40) Hexachlorocyclopentadiene	12.889	237	36334	24.862	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.142	196	46055	34.053	ng/ul	90
42) 2,4,5-Trichlorophenol	13.213	196	49923	32.651	ng/ul	99
43) 1,1'-Biphenyl	13.536	154	139496	31.394	ng/ul	99
44) 2-Chloronaphthalene	13.583	162	114156	30.937	ng/ul	98
45) 2-Nitroaniline	13.777	65	32377	34.877	ng/ul	98
47) Dimethylphthalate	14.153	163	154579	31.889	ng/ul	100
48) 2,6-Dinitrotoluene	14.270	165	33588	34.453	ng/ul	93
50) Acenaphthylene	14.423	152	177165	31.462	ng/ul	99
51) 3-Nitroaniline	14.599	138	28626	36.171	ng/ul#	90
52) Acenaphthene	14.770	153	117820	31.332	ng/ul	100
53) 2,4-Dinitrophenol	14.805	184	14223	31.492	ng/ul#	59
55) 4-Nitrophenol	14.899	109	22241	32.855	ng/ul	88
56) Dibenzofuran	15.099	168	181323	31.515	ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	48033	33.965	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.322	232	47979	36.113	ng/ul#	95
59) Diethylphthalate	15.516	149	152274	32.038	ng/ul	97
61) Fluorene	15.751	166	147421	31.460	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	92063	30.898	ng/ul	95
63) 4-Nitroaniline	15.757	138	29040	38.161	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.821	198	29981	34.183	ng/ul#	97
67) N-Nitrosodiphenylamine	15.950	169	135912	33.191	ng/ul	98
68) 4-Bromophenyl-phenylether	16.632	248	68813	33.075	ng/ul	93
69) Hexachlorobenzene	16.755	284	79825	32.736	ng/ul	93
70) Atrazine	16.896	200	64535	32.087	ng/ul	97
71) Pentachlorophenol	17.096	266	37468	36.252	ng/ul	89
72) Phenanthrene	17.490	178	271813	32.756	ng/ul	99
74) Anthracene	17.578	178	271203	32.429	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.506	216	88503	31.023	ng/uL	97
76) Pentachlorobenzene	15.022	250	85583	32.618	ng/uL	94
77) Carbazole	17.842	167	228448	33.132	ng/ul	98
78) Di-n-butylphthalate	18.401	149	264737	33.724	ng/ul	99
80) Fluoranthene	19.493	202	357574	33.093	ng/ul#	93
82) Pyrene	19.858	202	355026	33.049	ng/ul#	94
83) Butylbenzylphthalate	20.739	149	115582	35.702	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.614	252	139449	36.300	ng/ul#	96
85) Benzo(a)anthracene	21.703	228	380618	33.264	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.609	149	167704	35.451	ng/ul	99
87) Chrysene	21.767	228	361566	32.938	ng/ul	99
89) Di-n-octyl phthalate	22.831	149	289110	34.642	ng/ul	100
90) Benzo(b)fluoranthene	23.947	252	401220	33.437	ng/ul#	98
91) Benzo(k)fluoranthene	24.012	252	385828	33.581	ng/ul#	98
93) Benzo(a)pyrene	24.828	252	388984	33.653	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.706	276	469638	33.771	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.771	278	399885	34.169	ng/ul#	96
96) Benzo(g,h,i)perylene	29.869	276	398357	33.927	ng/ul#	95

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

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