Quantitation Report (Qedit)

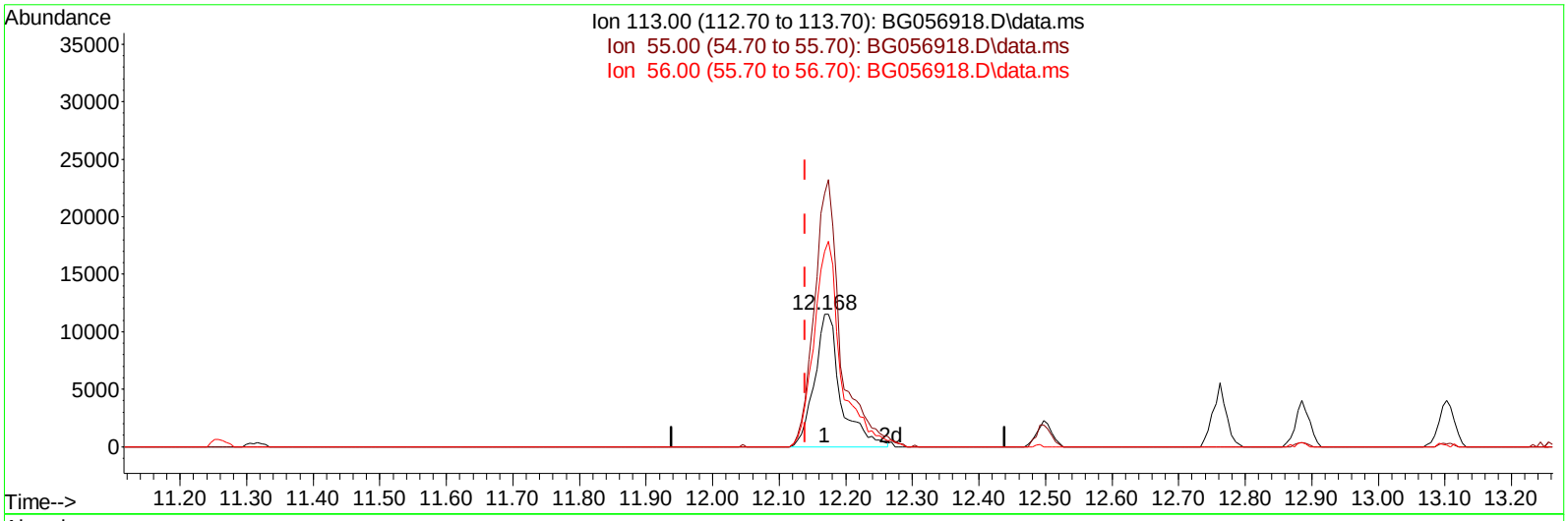
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056918.D
Acq On : 9 Mar 2023 18:00
Operator : CG/JU
Sample : SP6146
Misc : SFAM SPIKE
ALS Vial : 46 Sample Multiplier: 1

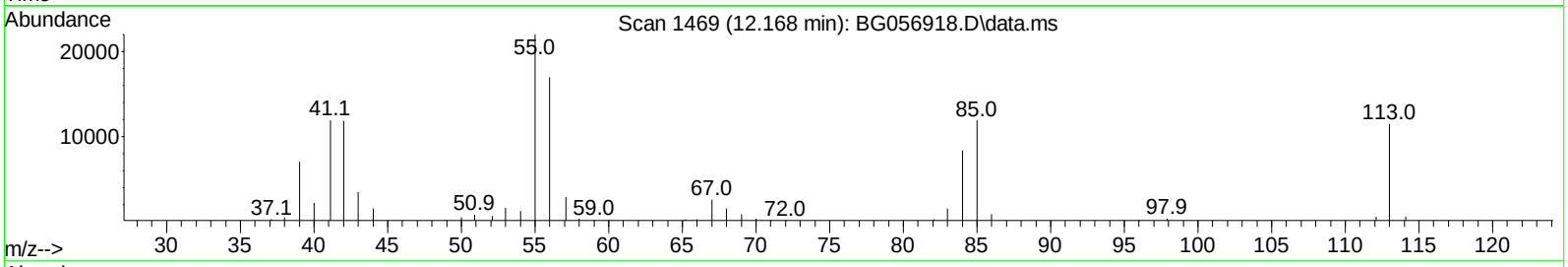
Quant Time: Mar 10 01:52:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 23:58:51 2023
Response via : Initial Calibration

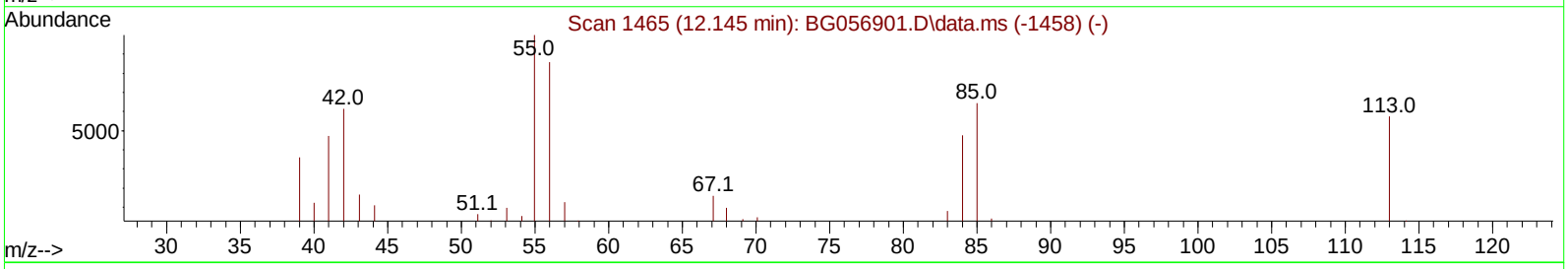
Instrument :
BNA_G
ClientSampleId :
SP6146

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023







TIC: BG056918.D\data.ms

(34) Caprolactam

12.168min (+ 0.029) 67.53 ng/ul

response 31487

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	191.06
56.00	137.50	147.62
0.00	0.00	0.00

Quantitation Report (Qedit)

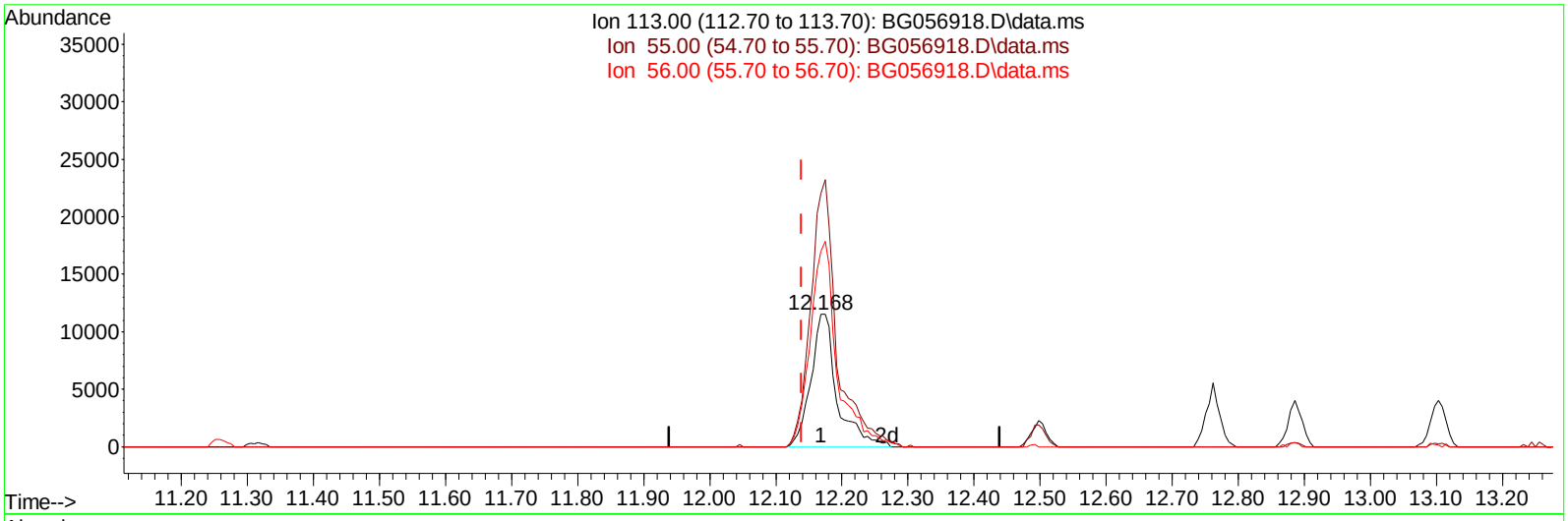
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056918.D
Acq On : 9 Mar 2023 18:00
Operator : CG/JU
Sample : SP6146
Misc : SFAM SPIKE
ALS Vial : 46 Sample Multiplier: 1

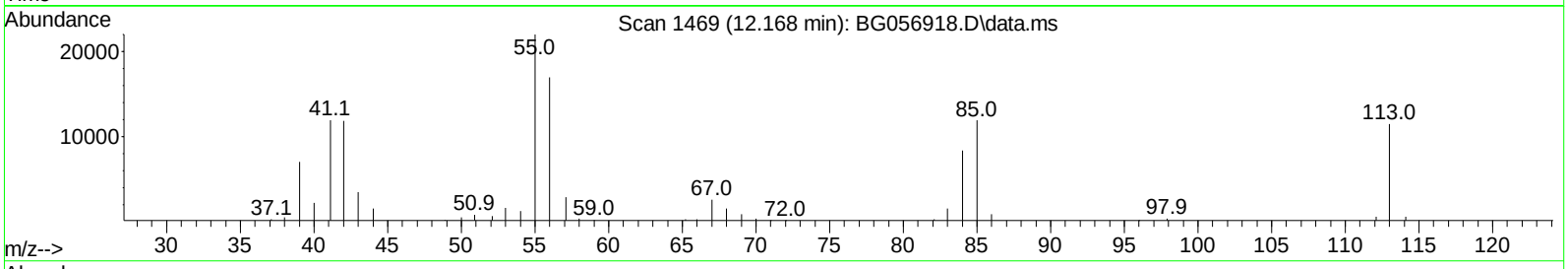
Quant Time: Mar 10 01:52:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 23:58:51 2023
Response via : Initial Calibration

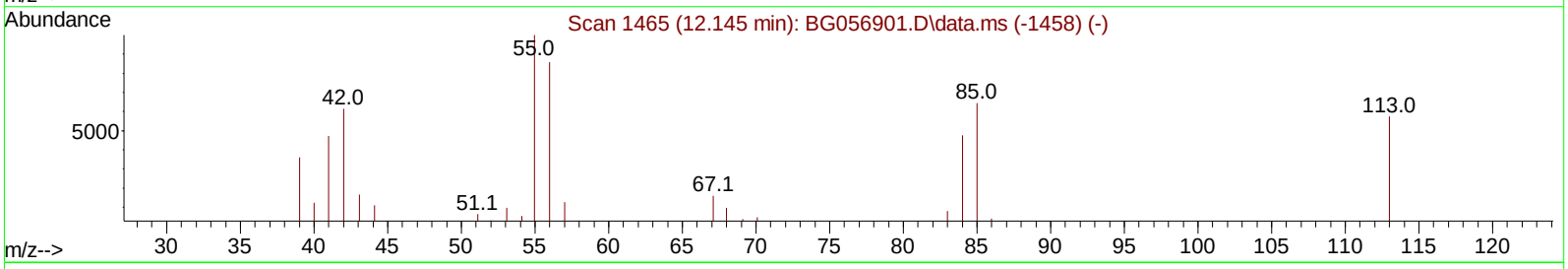
Instrument :
BNA_G
ClientSampleId :
SP6146

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023







TIC: BG056918.D\data.ms

(34) Caprolactam

12.168min (+ 0.029) 67.83 ng/ul m

response 31625

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	191.06
56.00	137.50	147.62
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056918.D
Acq On : 9 Mar 2023 18:00
Operator : CG/JU
Sample : SP6146
Misc : SFAM SPIKE
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Mar 10 01:52:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 23:58:51 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SP6146

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	16635	20.000	ng/ul	0.00
20) Naphthalene-d8	11.258	136	69444	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.030	164	54758	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.774	188	141845	20.000	ng/ul	0.00
79) Chrysene-d12	22.098	240	131120	20.000	ng/ul	0.00
88) Perylene-d12	25.647	264	146902	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.725	88	12498	26.143	ng/uL#	88
5) Pyridine	4.148	79	95693	64.004	ng/ul	93
6) Benzaldehyde	7.539	77	83998	93.597	ng/ul	93
8) Phenol	7.574	94	120725	69.452	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.815	93	82490	67.553	ng/ul	97
12) 2-Chlorophenol	7.973	128	78256	71.378	ng/ul	93
13) 2-Methylphenol	8.849	108	89101	69.722	ng/ul	85
14) 2,2'-oxybis(1-Chloropr...	8.937	45	108230	64.576	ng/ul	94
16) Acetophenone	9.248	105	142266	64.618	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.225	70	82302	64.272	ng/ul#	93
18) 4-Methylphenol	9.178	108	96960	69.902	ng/ul	85
19) Hexachloroethane	9.524	117	30993	68.452	ng/ul#	81
22) Nitrobenzene	9.636	77	123630	68.785	ng/ul	95
23) Isophorone	10.159	82	230282	65.633	ng/ul	98
25) 2-Nitrophenol	10.359	139	49816	69.927	ng/ul	93
26) 2,4-Dimethylphenol	10.394	107	113047	72.384	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.635	93	119210	69.797	ng/ul	95
29) 2,4-Dichlorophenol	10.893	162	94309	74.116	ng/ul	94
30) Naphthalene	11.311	128	263764	68.760	ng/ul	97
32) 4-Chloroaniline	11.405	127	90868	53.329	ng/ul	97
33) Hexachlorobutadiene	11.587	225	70390	70.292	ng/ul	91
34) Caprolactam	12.168	113	31625m	67.831	ng/ul	
35) 4-Chloro-3-methylphenol	12.497	107	105698	71.547	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056918.D
Acq On : 9 Mar 2023 18:00
Operator : CG/JU
Sample : SP6146
Misc : SFAM SPIKE
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Mar 10 01:52:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 23:58:51 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SP6146

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36)	2-Methylnaphthalene	12.885	142	189664	68.737 ng/ul	97
37)	1-Methylnaphthalene	13.103	142	195755	71.003 ng/ul	99
39)	1,2,4,5-Tetrachloroben...	13.244	216	138825	68.608 ng/ul	98
40)	Hexachlorocyclopentadiene	13.220	237	96337	70.019 ng/ul	93
41)	2,4,6-Trichlorophenol	13.473	196	95021	72.113 ng/ul	93
42)	2,4,5-Trichlorophenol	13.549	196	103844	70.799 ng/ul	92
43)	1,1'-Biphenyl	13.872	154	280345	68.359 ng/ul	96
44)	2-Chloronaphthalene	13.919	162	232488	68.754 ng/ul	96
45)	2-Nitroaniline	14.113	65	86544	69.407 ng/ul	91
47)	Dimethylphthalate	14.466	163	318134	67.191 ng/ul	99
48)	2,6-Dinitrotoluene	14.595	165	66615	69.965 ng/ul	92
50)	Acenaphthylene	14.760	152	360087	69.285 ng/ul	97
51)	3-Nitroaniline	14.930	138	57568	67.012 ng/ul	97
52)	Acenaphthene	15.100	153	246418	67.791 ng/ul	97
53)	2,4-Dinitrophenol	15.130	184	46359	66.420 ng/ul	97
55)	4-Nitrophenol	15.212	109	65822	64.340 ng/ul	95
56)	Dibenzofuran	15.429	168	367363	66.112 ng/ul	100
57)	2,4-Dinitrotoluene	15.376	165	94819	64.597 ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.647	232	97942	69.293 ng/ul#	97
59)	Diethylphthalate	15.817	149	311159	65.019 ng/ul	99
61)	Fluorene	16.076	166	299811	67.756 ng/ul	98
62)	4-Chlorophenyl-phenyle...	16.052	204	183767	69.223 ng/ul	94
63)	4-Nitroaniline	16.087	138	67004	78.623 ng/ul	99
66)	4,6-Dinitro-2-methylph...	16.140	198	65948	67.219 ng/ul#	99
67)	N-Nitrosodiphenylamine	16.264	169	269840	70.839 ng/ul	98
68)	4-Bromophenyl-phenylether	16.951	248	126972	72.168 ng/ul	97
69)	Hexachlorobenzene	17.074	284	135302	70.893 ng/ul	94
70)	Atrazine	17.204	200	120064	70.104 ng/ul	98
71)	Pentachlorophenol	17.415	266	79156	70.364 ng/ul	98
72)	Phenanthrene	17.815	178	532084	69.704 ng/ul	97
74)	Anthracene	17.909	178	536708	69.018 ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.843	216	146692	72.158 ng/uL	96
76)	Pentachlorobenzene	15.347	250	154802	72.936 ng/uL	95
77)	Carbazole	18.167	167	454335	68.847 ng/ul	99
78)	Di-n-butylphthalate	18.696	149	513650	67.290 ng/ul	99
80)	Fluoranthene	19.801	202	679202	71.344 ng/ul	99
82)	Pyrene	20.165	202	683469	71.696 ng/ul	99
83)	Butylbenzylphthalate	21.023	149	231145	73.110 ng/ul	98
84)	3,3'-Dichlorobenzidine	21.975	252	225407	70.964 ng/ul	97
85)	Benzo(a)anthracene	22.075	228	670176	69.915 ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.928	149	329502	72.928 ng/ul	96
87)	Chrysene	22.151	228	619501	69.743 ng/ul	99
89)	Di-n-octyl phthalate	23.250	149	555538	69.438 ng/ul	100
90)	Benzo(b)fluoranthene	24.513	252	687800	68.493 ng/ul	99
91)	Benzo(k)fluoranthene	24.589	252	658686	68.278 ng/ul	98
93)	Benzo(a)pyrene	25.482	252	610317	71.133 ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	29.760	276	824628	70.333 ng/ul	99
95)	Dibenzo(a,h)anthracene	29.818	278	676357	69.904 ng/ul#	97
96)	Benzo(g,h,i)perylene	31.052	276	656433	69.824 ng/ul	93

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

Instrument :
BNA_G
ClientSampleId :
SP6146

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056918.D
Acq On : 9 Mar 2023 18:00
Operator : CG/JU
Sample : SP6146
Misc : SFAM SPIKE
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Mar 10 01:52:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 23:58:51 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SP6146

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023