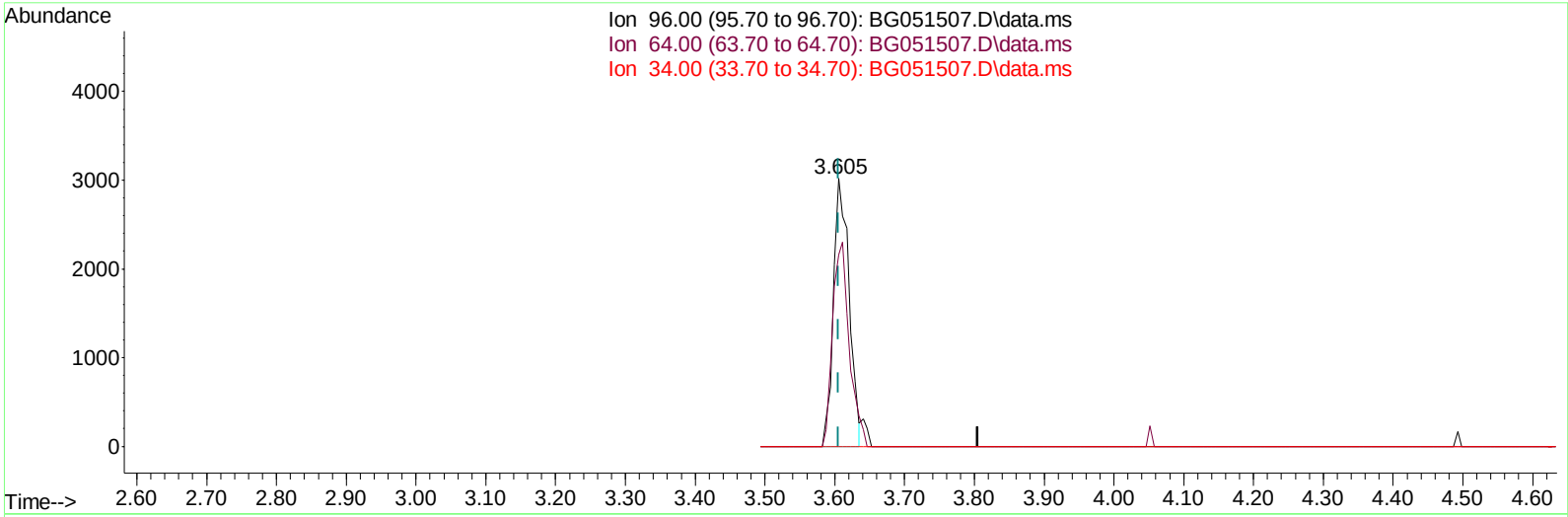
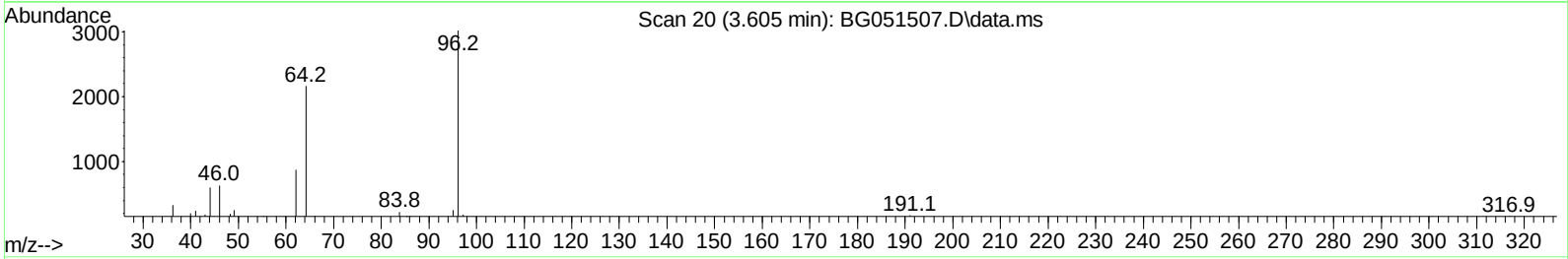
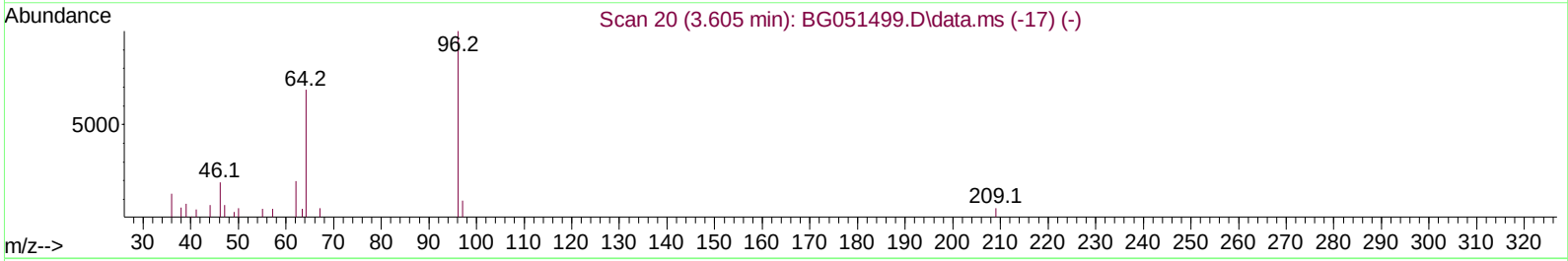
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051507.D
Acq On : 14 Dec 2021 17:20
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 14 17:57:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration







TIC: BG051507.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.605min (+ 0.000) 7.65 ng/uL

response 4719

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	71.61
34.00	0.00	0.00
0.00	0.00	0.00

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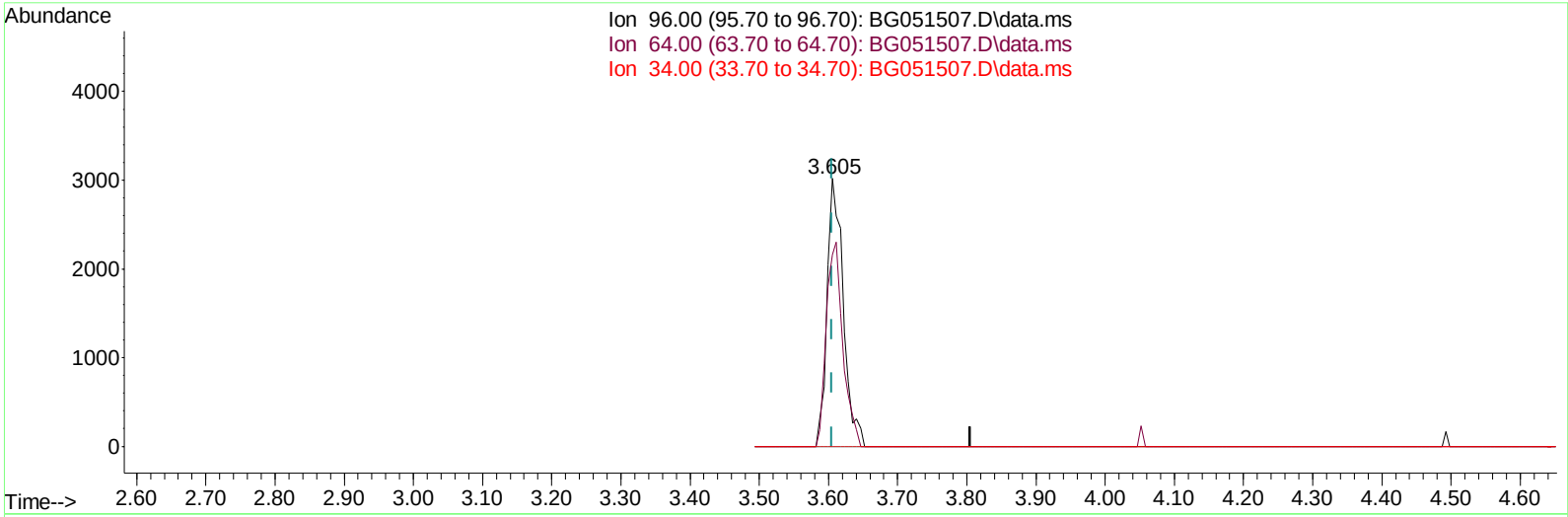

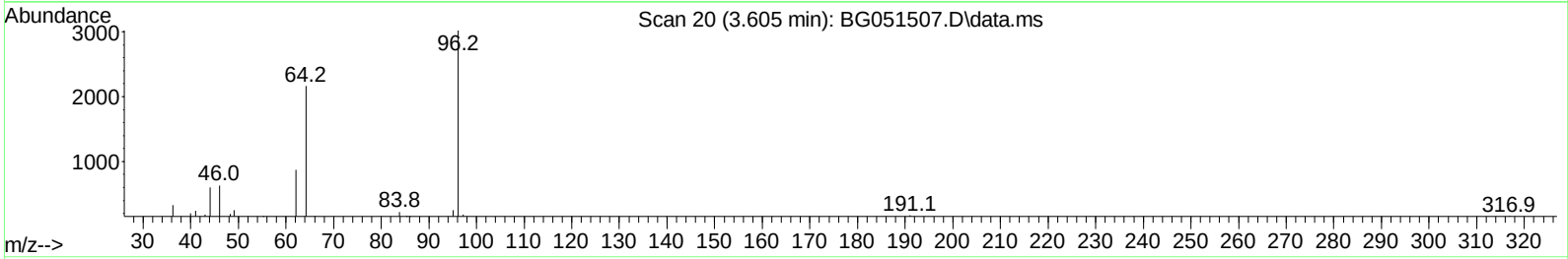

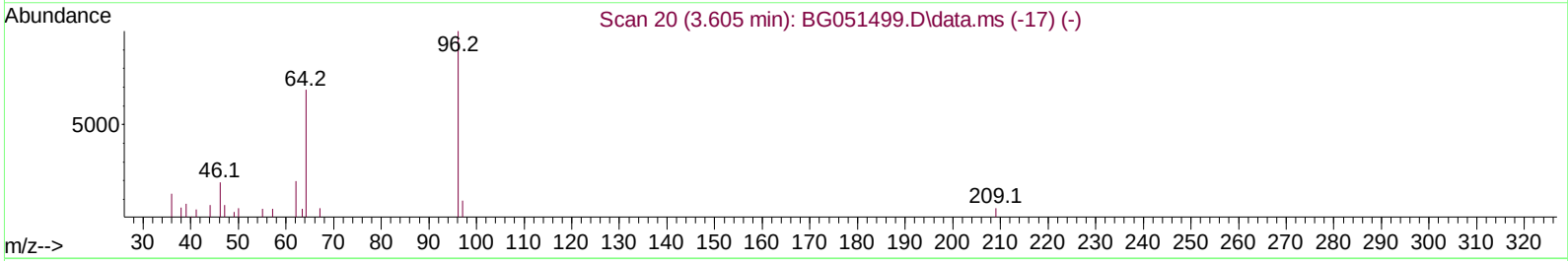

TIC: BG051507.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.605min (+ 0.000) 7.94 ng/uL m

response 4900

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	71.61
34.00	0.00	0.00
0.00	0.00	0.00

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Data File : BG051507.D
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 14 17:57:06 2021
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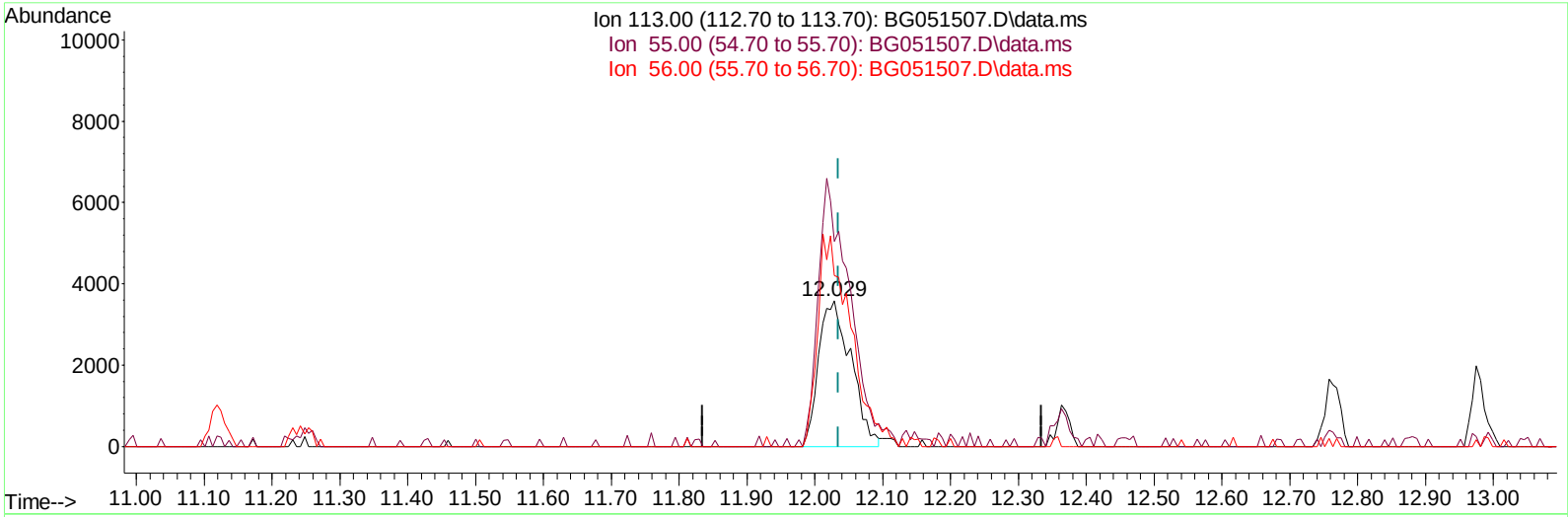
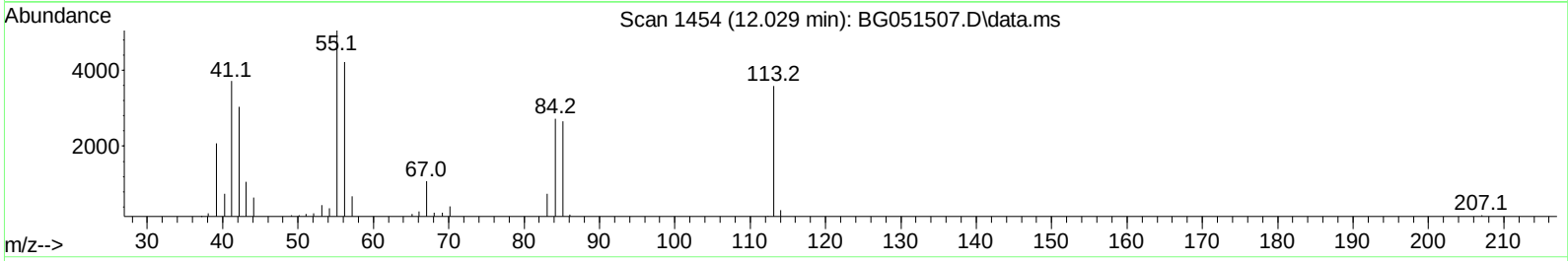
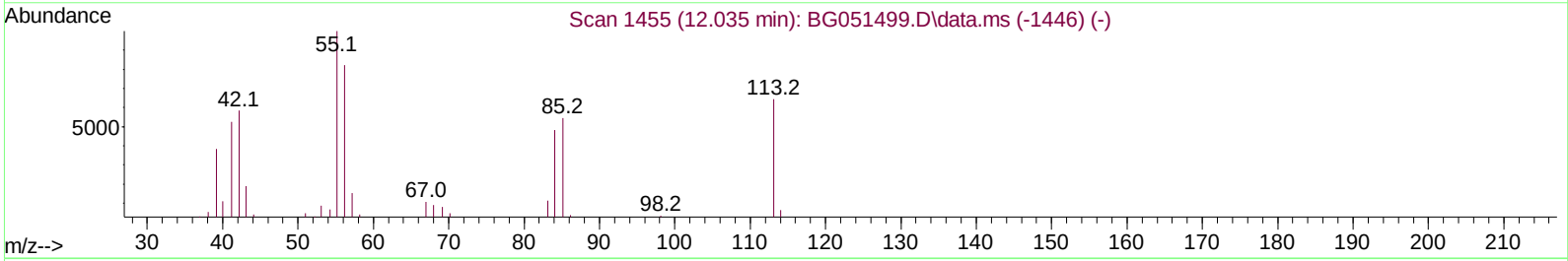
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration







TIC: BG051507.D\data.ms

(34) Caprolactam

12.029min (-0.005) 22.55 ng/ul

response 11851

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	140.55#
56.00	136.50	117.37
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 14 17:57:06 2021
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Quant Title : SVOA CALIBRATION
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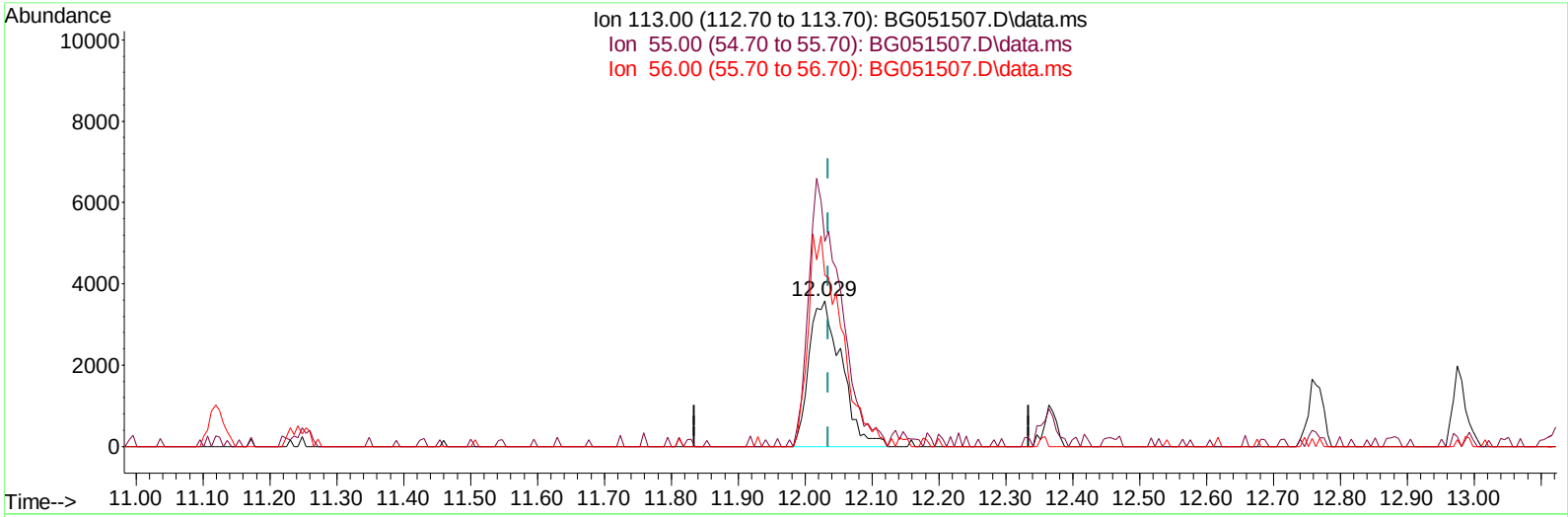

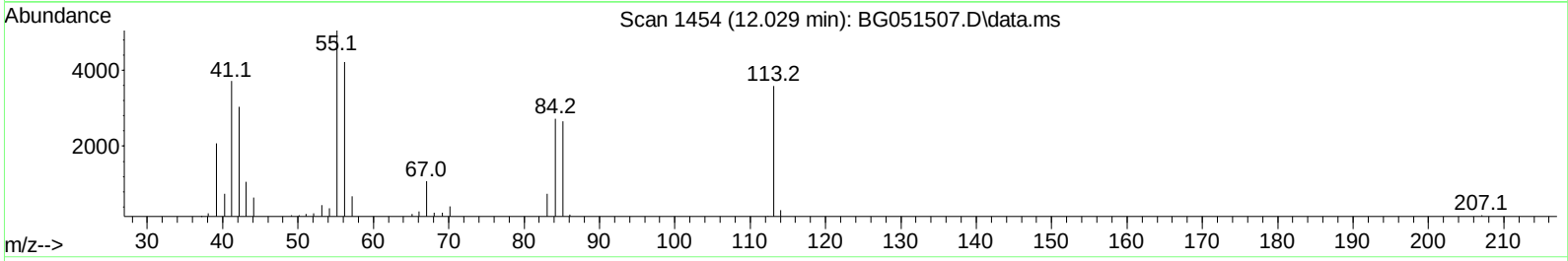

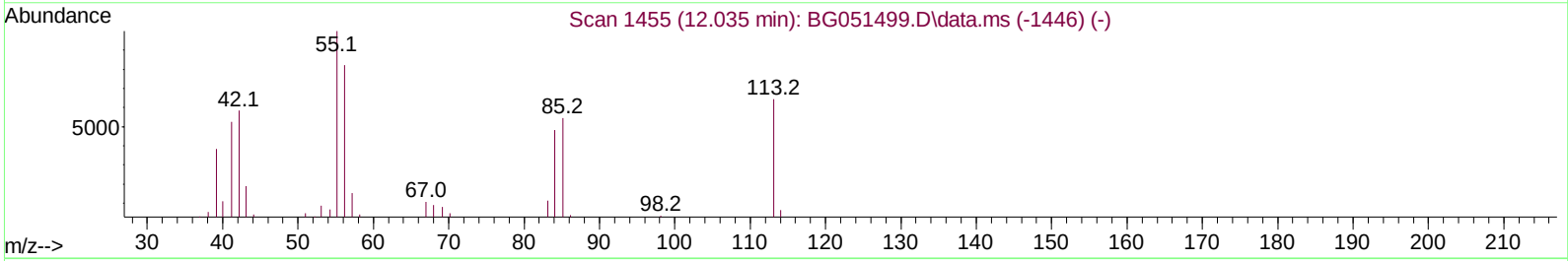

TIC: BG051507.D\data.ms

(34) Caprolactam

12.029min (-0.005) 23.06 ng/ul m

response 12115

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	140.55#
56.00	136.50	117.37
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051507.D
Acq On : 14 Dec 2021 17:20
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 14 17:57:06 2021
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	25627	20.000	ng/ul	0.00
20) Naphthalene-d8	11.125	136	104951	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.920	164	80856	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.663	188	213572	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.981	240	212506	20.000	ng/ul	# 0.00
88) Perylene-d12	25.488	264	217966	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	4900m	7.941	ng/uL	0.00
4) Pyridine-d5	4.040	84	37109	19.904	ng/ul	0.00
7) Phenol-d5	7.412	99	45748	19.993	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.588	67	27762	20.409	ng/ul	0.00
11) 2-Chlorophenol-d4	7.806	132	32541	20.448	ng/ul	0.00
15) 4-Methylphenol-d8	8.975	113	36716	20.759	ng/ul	0.00
21) Nitrobenzene-d5	9.450	128	16563	21.526	ng/ul	0.00
24) 2-Nitrophenol-d4	10.185	143	18447	21.931	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.725	165	40242	22.061	ng/ul	0.00
31) 4-Chloroaniline-d4	11.242	131	50652	21.091	ng/ul	0.00
46) Dimethylphthalate-d6	14.309	166	138398	21.385	ng/ul	0.00
49) Acenaphthylene-d8	14.614	160	164342	20.447	ng/ul	0.00
54) 4-Nitrophenol-d4	15.072	143	22368	21.254	ng/ul	0.00
60) Fluorene-d10	15.906	176	123708	21.336	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.006	200	23637	21.242	ng/ul	0.00
73) Anthracene-d10	17.763	188	214388	21.043	ng/ul	0.00
81) Pyrene-d10	20.036	212	272481	21.305	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.241	264	239095	20.848	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	4986	7.742	ng/uL#	93
5) Pyridine	4.064	79	36892	19.724	ng/ul	100
6) Benzaldehyde	7.406	77	34987	24.507	ng/ul	99
8) Phenol	7.441	94	48135	21.156	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.682	93	34881	20.095	ng/ul	97
12) 2-Chlorophenol	7.835	128	35879	21.979	ng/ul	91
13) 2-Methylphenol	8.710	108	33884	19.738	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.810	45	49452	21.003	ng/ul#	93
16) Acetophenone	9.110	105	57484	20.691	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.086	70	33801	20.276	ng/ul	93
18) 4-Methylphenol	9.039	108	38200	21.113	ng/ul	94
19) Hexachloroethane	9.392	117	14758	20.719	ng/ul#	62
22) Nitrobenzene	9.492	77	48070	21.478	ng/ul	96
23) Isophorone	10.026	82	94100	20.943	ng/ul#	97
25) 2-Nitrophenol	10.214	139	20180	22.444	ng/ul	98
26) 2,4-Dimethylphenol	10.261	107	45003	20.774	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.502	93	47929	20.089	ng/ul	98
29) 2,4-Dichlorophenol	10.755	162	37401	21.550	ng/ul	93
30) Naphthalene	11.172	128	116375	20.582	ng/ul	98
32) 4-Chloroaniline	11.266	127	50771	20.703	ng/ul	99
33) Hexachlorobutadiene	11.465	225	30766	20.880	ng/ul	95
34) Caprolactam	12.029	113	12115m	23.056	ng/ul	
35) 4-Chloro-3-methylphenol	12.364	107	40343	20.745	ng/ul	92

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.764	142	86230	21.377	ng/ul	99
37) 1-Methylnaphthalene	12.981	142	88018	21.015	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.122	216	57480	20.438	ng/ul	96
40) Hexachlorocyclopentadiene	13.110	237	41924	20.530	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.351	196	36444	21.406	ng/ul	98
42) 2,4,5-Trichlorophenol	13.422	196	39718	22.259	ng/ul	98
43) 1,1'-Biphenyl	13.756	154	125432	20.252	ng/ul#	94
44) 2-Chloronaphthalene	13.797	162	97762	20.417	ng/ul	96
45) 2-Nitroaniline	13.985	65	30809	21.062	ng/ul	94
47) Dimethylphthalate	14.356	163	135191	21.517	ng/ul	99
48) 2,6-Dinitrotoluene	14.473	165	26640	22.179	ng/ul	90
50) Acenaphthylene	14.643	152	163099	20.740	ng/ul	98
51) 3-Nitroaniline	14.802	138	25830	22.490	ng/ul	100
52) Acenaphthene	14.978	153	108245	20.836	ng/ul	99
53) 2,4-Dinitrophenol	15.002	184	14895	21.453	ng/ul#	61
55) 4-Nitrophenol	15.090	109	25232	22.346	ng/ul	85
56) Dibenzofuran	15.313	168	159332	20.825	ng/ul	97
57) 2,4-Dinitrotoluene	15.254	165	38300	22.498	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.530	232	38853	22.912	ng/ul#	90
59) Diethylphthalate	15.713	149	138488	21.159	ng/ul	99
61) Fluorene	15.959	166	132018	20.942	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.948	204	74917	21.336	ng/ul	91
63) 4-Nitroaniline	15.953	138	27250	23.134	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	16.018	198	23025	21.070	ng/ul	91
67) N-Nitrosodiphenylamine	16.153	169	116750	20.324	ng/ul	97
68) 4-Bromophenyl-phenylether	16.840	248	49754	22.875	ng/ul	91
69) Hexachlorobenzene	16.970	284	56858	20.803	ng/ul#	88
70) Atrazine	17.099	200	55828	21.658	ng/ul	99
71) Pentachlorophenol	17.305	266	36677	21.902	ng/ul	93
72) Phenanthrene	17.704	178	229245	20.869	ng/ul	100
74) Anthracene	17.798	178	226873	20.444	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.727	216	65412	19.908	ng/uL	96
76) Pentachlorobenzene	15.237	250	65437	20.833	ng/uL	95
77) Carbazole	18.056	167	219951	22.134	ng/ul	98
78) Di-n-butylphthalate	18.609	149	250461	20.943	ng/ul	99
80) Fluoranthene	19.701	202	309412	21.076	ng/ul#	89
82) Pyrene	20.065	202	306054	21.066	ng/ul#	87
83) Butylbenzylphthalate	20.941	149	102310	20.999	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.863	252	113196	22.602	ng/ul#	98
85) Benzo(a)anthracene	21.963	228	290935	21.043	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.863	149	138573	20.304	ng/ul#	94
87) Chrysene	22.033	228	281142	21.048	ng/ul	100
89) Di-n-octyl phthalate	23.179	149	236925	20.181	ng/ul	100
90) Benzo(b)fluoranthene	24.366	252	293509	20.104	ng/ul#	95
91) Benzo(k)fluoranthene	24.442	252	278971	20.404	ng/ul#	95
93) Benzo(a)pyrene	25.323	252	282066	20.471	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.512	276	311631	20.716	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.594	278	265737	20.683	ng/ul#	92
96) Benzo(g,h,i)perylene	30.780	276	260960	20.471	ng/ul#	87

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

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