

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020596.D
Acq On : 30 Dec 2015 6:29
Operator : UM/SJ
Sample : SSTD08011
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 07:42:50 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 07:20:56 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD08011

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	260567	79.78	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	193993	76.45	ng/ul	98
38) Hexachlorocyclopentadiene	12.87	237	87673	68.92	ng/ul	99
39) 2,4,6-Trichlorophenol	13.14	196	117659	79.22	ng/ul	97
40) 2,4,5-Trichlorophenol	13.21	196	125799	77.41	ng/ul	98
41) 1,1'-Biophenyl	13.53	154	370972	76.37	ng/ul	98
42) 2-Chloronaphthalene	13.58	162	299871	76.42	ng/ul	98
43) 2-Nitroaniline	13.79	65	93275	84.09	ng/ul	99
45) Dimethylphthalate	14.15	163	401048	75.79	ng/ul	100
46) 2,6-Dinitrotoluene	14.28	165	90003	83.38	ng/ul	95
48) Acenaphthylene	14.42	152	482495	76.47	ng/ul	97
49) 3-Nitroaniline	14.61	138	78989	79.34	ng/ul	96
50) Acenaphthene	14.77	153	328644	76.74	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	47436	73.21	ng/ul	96
53) 4-Nitrophenol	14.93	109	59962	77.87	ng/ul	98
54) Dibenzofuran	15.10	168	486613	76.44	ng/ul	99
55) 2,4-Dinitrotoluene	15.07	165	127770	79.42	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.32	232	121271	75.98	ng/ul#	96
57) Diethylphthalate	15.51	149	410632	75.72	ng/ul	99
59) Fluorene	15.75	166	387781	75.24	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.73	204	226605	75.67	ng/ul	100
61) 4-Nitroaniline	15.79	138	85926	77.03	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.83	198	87537	79.12	ng/ul#	99
65) N-Nitrosodiphenylamine	15.95	169	348513	78.38	ng/ul	97
66) 4-Bromophenyl-phenylether	16.63	248	157210	79.46	ng/ul	96
67) Hexachlorobenzene	16.75	284	170244	77.52	ng/ul	97
68) Atrazine	16.90	200	151165	76.50	ng/ul	96
69) Pentachlorophenol	17.10	266	76510	68.52	ng/ul	97
70) Phenanthrene	17.49	178	653796	74.04	ng/ul	98
72) Anthracene	17.58	178	662452	73.28	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	210391	79.90	ng/uL	98
74) Pentachlorobenzene	15.02	250	198630	80.57	ng/uL	98
75) Carbazole	17.85	167	567568	74.06	ng/ul	97
76) Di-n-butylphthalate	18.39	149	656134	72.11	ng/ul	98
77) Fluoranthene	19.50	202	792996	71.61	ng/ul	99
80) Pylene	19.86	202	786537	73.99	ng/ul	98
81) Butylbenzylphthalate	20.73	149	310851	82.70	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.61	252	281664	77.66	ng/ul	99
83) Benzo(a)anthracene	21.70	228	836878	76.54	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	441860	80.61	ng/ul	100
85) Chrysene	21.77	228	782067	75.37	ng/ul	96
87) Di-n-octyl phthalate	22.80	149	762276	81.44	ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	870959	80.41	ng/ul	98
89) Benzo(k)fluoranthene	24.01	252	798409	75.99	ng/ul	98
91) Benzo(a)pyrene	24.84	252	812855	77.94	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.71	276	1007390	80.33	ng/ul	98
93) Dibenzo(a,h)anthracene	28.77	278	828206	79.60	ng/ul	99
94) Benzo(a,h,i)perylene	29.89	276	824252	80.09	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19465	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	87310	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	63531	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	160129	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	186983	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	182319	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	9777	27.64	ng/uL	0.00
5) Phenol-d5	7.22	99	134174	85.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	77546	82.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	105295	87.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	113399	85.28	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	55749	81.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	67481	86.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	124485	82.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	138942	80.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	398259	76.60	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	458443	76.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	68509	80.21	ng/ul	0.02
58) Fluorene-d10	15.69	176	358097	76.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	83156	80.27	ng/ul	0.01
71) Anthracene-d10	17.54	188	559856	74.76	ng/ul	0.00
79) Pyrene-d10	19.83	212	638517	78.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	733970	80.44	ng/ul	0.02

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.46	88	11835	29.72	ng/uL#	82
4) Benzaldehyde	7.19	77	78080	81.43	ng/ul	93
6) Phenol	7.25	94	142123	85.55	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.47	93	100281	82.83	ng/ul	97
10) 2-Chlorophenol	7.63	128	106349	84.99	ng/ul	97
11) 2-Methylphenol	8.51	108	107983	84.37	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.60	45	127308	81.75	ng/ul	98
14) Acetophenone	8.89	105	180840	84.33	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.88	70	92746	85.40	ng/ul	95
16) 4-Methylphenol	8.84	108	121227	86.93	ng/ul	95
17) Hexachloroethane	9.15	117	42696	80.45	ng/ul	93
20) Nitrobenzene	9.28	77	135173	79.69	ng/ul	94
21) Isophorone	9.81	82	260783	80.42	ng/ul	97
23) 2-Nitrophenol	9.99	139	69300	84.37	ng/ul	97
24) 2,4-Dimethylphenol	10.05	107	141611	81.50	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.28	93	146011	81.24	ng/ul	97
27) 2,4-Dichlorophenol	10.53	162	127859	83.16	ng/ul	99
28) Naphthalene	10.93	128	356771	77.02	ng/ul	99
30) 4-Chloroaniline	11.04	127	142517	81.18	ng/ul	97
31) Hexachlorobutadiene	11.20	225	96136	75.17	ng/ul	96
32) Caprolactam	11.83	113	42026m	83.62	ng/ul	98
33) 4-Chloro-3-methylphenol	12.17	107	135591	84.02	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	273468	79.56	ng/ul	100

U.M
 01/02/15

Quantitation Report (Qedit)

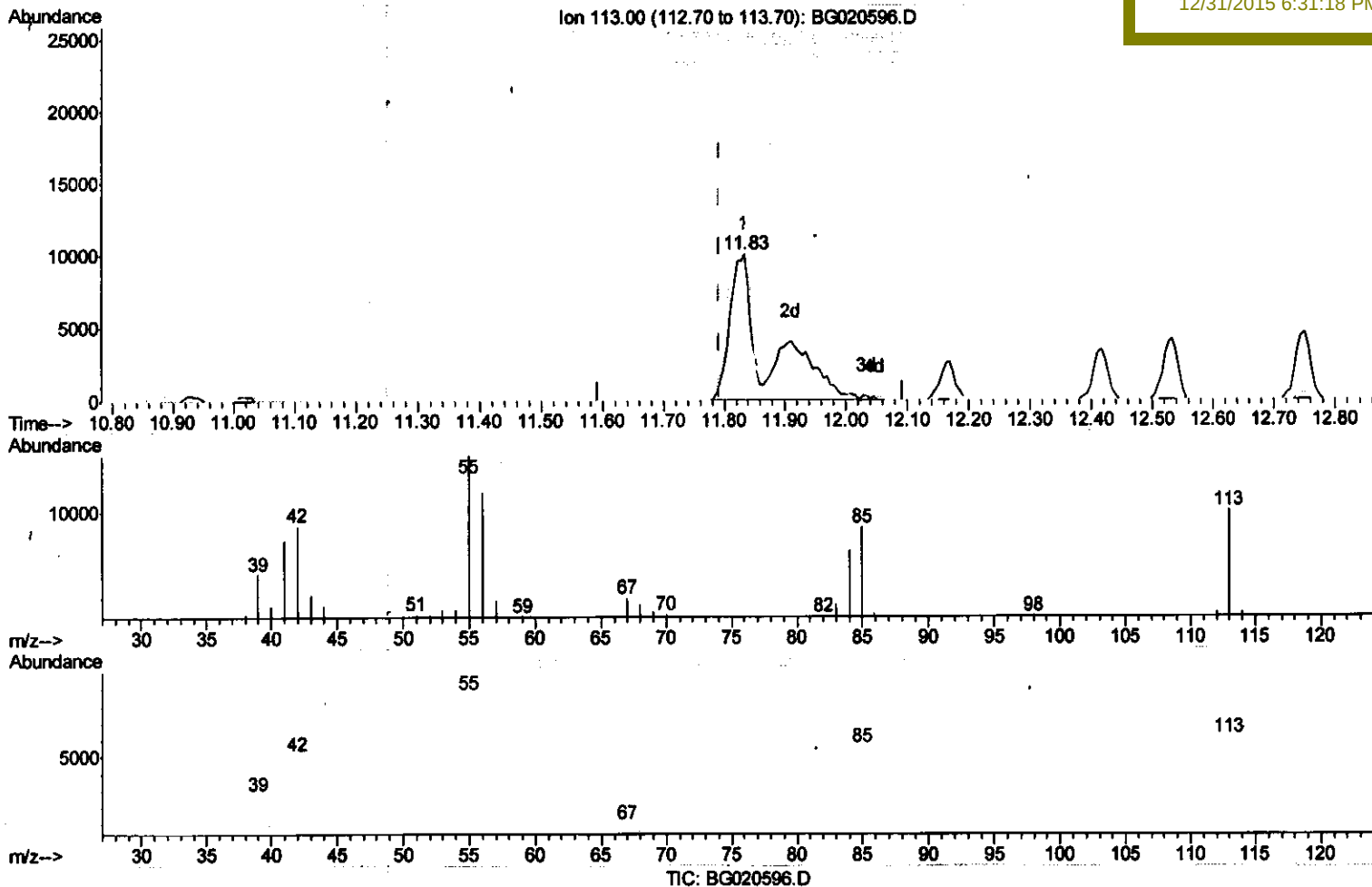
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(32) Caprolactam

11.834min (+0.041) 83.62ng/ul m

response 42026

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	151.88
56.00	115.90	117.86
0.00	0.00	0.00

U.M
 01/02/15

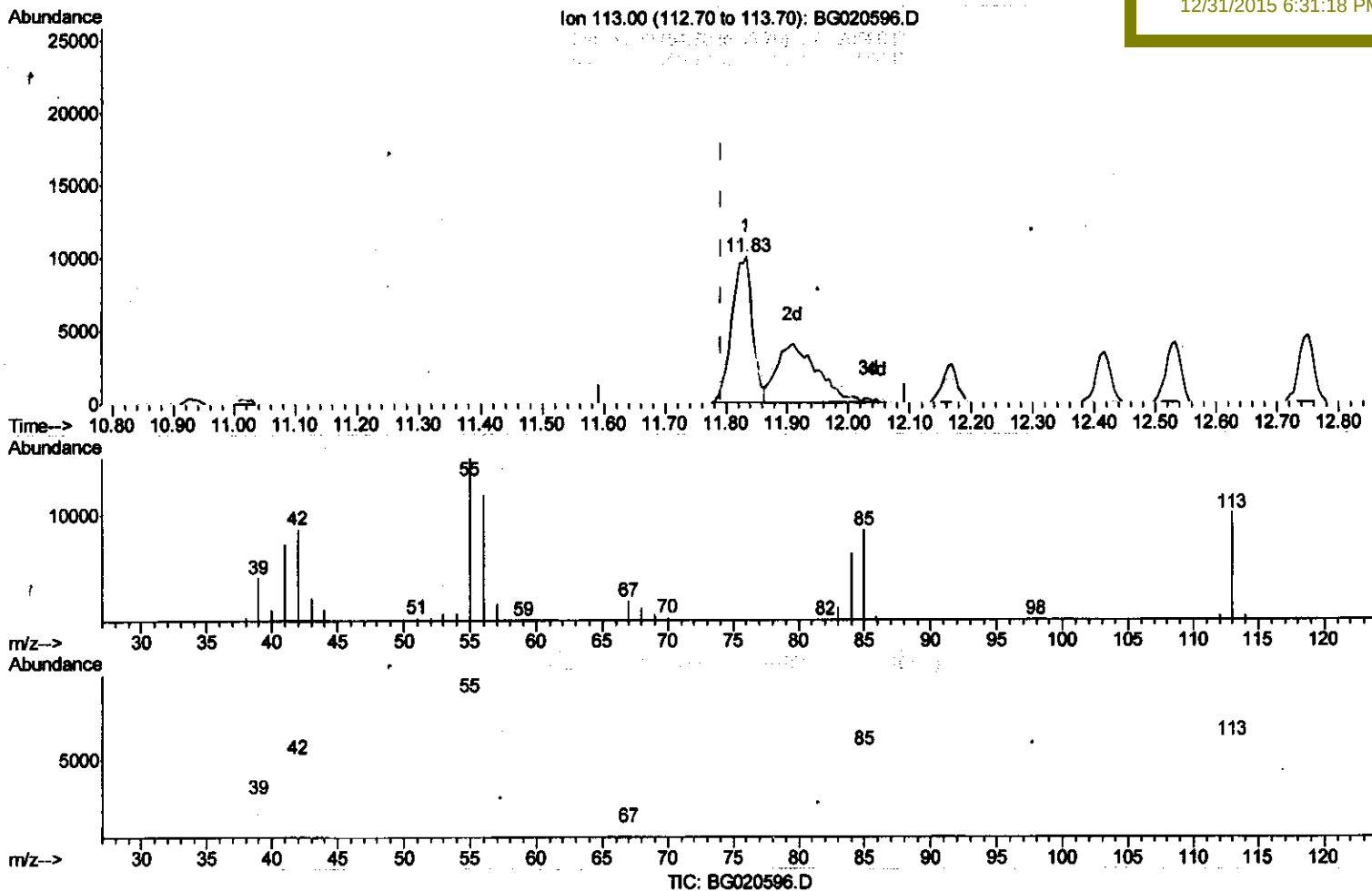
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(32) Caprolactam

11.834min (+0.041) 46.75ng/ul

response 23497

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	151.88
56.00	115.90	117.86
0.00	0.00	0.00

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