

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041416\
 Data File : BM004951.D
 Acq On : 14 Apr 2016 19:49
 Operator : UM/SJ
 Sample : SSTD08048
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 15 00:23:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 00:10:45 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08048

Manual Integrations
 APPROVED

Sohil
 4/15/2016 6:22:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	326741	74.05	ng/ul	99
37) Hexachlorocyclopentadiene	12.62	237	201275	78.60	ng/ul	96
38) 2,4,6-Trichlorophenol	12.88	196	219112	75.45	ng/ul	99
39) 2,4,5-Trichlorophenol	12.95	196	236310	74.25	ng/ul	99
40) 1,1'-Biphenyl	13.28	154	785470	68.47	ng/ul	99
41) 2-Chloronaphthalene	13.33	162	611857	70.68	ng/ul	99
42) 2-Nitroaniline	13.53	65	181012	72.96	ng/ul	100
44) Dimethylphthalate	13.91	163	717521	63.79	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	160271	72.75	ng/ul	99
47) Acenaphthylene	14.17	152	931556	65.69	ng/ul	99
48) 3-Nitroaniline	14.36	138	151870	67.88	ng/ul	97
49) Acenaphthene	14.52	153	603643	63.87	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	81190	59.83	ng/ul	96
52) 4-Nitrophenol	14.68	109	111899	63.85	ng/ul	97
53) Dibenzofuran	14.85	168	872173	63.63	ng/ul	98
54) 2,4-Dinitrotoluene	14.82	165	218706	66.96	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.08	232	186181	67.11	ng/ul	99
56) Diethylphthalate	15.27	149	693768	61.47	ng/ul	99
58) Fluorene	15.50	166	608793	56.37	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	308601	58.19	ng/ul	97
60) 4-Nitroaniline	15.53	138	160394	62.25	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.59	198	122989	67.56	ng/ul#	95
64) N-Nitrosodiphenylamine	15.71	169	575252	66.55	ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	210160	70.27	ng/ul	99
66) Hexachlorobenzene	16.50	284	235270	69.45	ng/ul	97
67) Atrazine	16.66	200	208870	67.10	ng/ul	98
68) Pentachlorophenol	16.84	266	145992	70.84	ng/ul	99
69) Phenanthrene	17.24	178	1017201	62.68	ng/ul	99
71) Anthracene	17.33	178	1021163	62.78	ng/ul	99
72) Carbazole	17.60	167	922235	64.29	ng/ul	99
73) Di-n-butylphthalate	18.16	149	1077639	63.48	ng/ul	100
74) Fluoranthene	19.26	202	1107692	62.78	ng/ul	99
77) Pyrene	19.62	202	1108131	67.67	ng/ul	99
78) Butylbenzylphthalate	20.52	149	475462	70.12	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.30	252	314673	58.84	ng/ul	99
80) Benzo(a)anthracene	21.37	228	1072524	66.52	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	626130	65.24	ng/ul	99
82) Chrysene	21.42	228	1006035	65.76	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	1158724	67.46	ng/ul	98
85) Benzo(b)fluoranthene	22.99	252	1130194	66.85	ng/ul	99
86) Benzo(k)fluoranthene	23.03	252	1057315	65.32	ng/ul	99
88) Benzo(a)pyrene	23.58	252	1077280	65.97	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.01	276	1226809	63.74	ng/ul	98
90) Dibenzo(a,h)anthracene	26.01	278	1015806	63.42	ng/ul	99
91) Benzo(g,h,i)perylene	26.71	276	1066987	64.80	ng/ul	99

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	60871	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	265781	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	144578	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	303553	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	290237	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	302551	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	35475	24.93	ng/uL	0.00
5) Phenol-d5	6.99	99	340228	64.63	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	7.15	67	192464	67.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	287633	71.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	286219	64.93	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	143316	77.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	163500	78.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	279908	72.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	309490	68.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	724287	65.38	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	909674	68.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	134350	63.08	ng/ul	0.02
57) Fluorene-d10	15.44	176	603232	63.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	118666	69.48	ng/ul	0.01
70) Anthracene-d10	17.30	188	869399	65.40	ng/ul	0.00
76) Pyrene-d10	19.59	212	886552	70.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	882202	67.57	ng/ul	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	63427	33.74	ng/uL	96
4) Benzaldehyde	6.96	77	172798	68.86	ng/ul	99
6) Phenol	7.01	94	346785	63.26	ng/ul	98
8) Bis(2-Chloroethyl) ether	7.24	93	275112	66.03	ng/ul	99
10) 2-Chlorophenol	7.38	128	289425	68.77	ng/ul	99
11) 2-Methylphenol	8.25	108	281182	64.95	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	342767	67.16	ng/ul	100
14) Acetophenone	8.64	105	393146	59.08	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.63	70	192306	57.23	ng/ul	99
16) 4-Methylphenol	8.59	108	296157	61.59	ng/ul	96
17) Hexachloroethane	8.89	117	115204	71.39	ng/ul	95
20) Nitrobenzene	9.02	77	321290	72.34	ng/ul	99
21) Isophorone	9.54	82	586419	66.99	ng/ul	99
23) 2-Nitrophenol	9.72	139	166275	73.78	ng/ul	93
24) 2,4-Dimethylphenol	9.78	107	317698	67.29	ng/ul	98
25) Bis(2-Chloroethoxy) methane	10.02	93	366092	66.91	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	279187	70.69	ng/ul	99
28) Naphthalene	10.66	128	874802	66.51	ng/ul	100
30) 4-Chloroaniline	10.77	127	309752	65.64	ng/ul	99
31) Hexachlorobutadiene	10.93	225	180916	74.45	ng/ul	98
32) Caprolactam	11.55	113	86182m	59.25	ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	297898	66.42	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	612671	62.82	ng/ul	100

U.M
 04/21/16

Quantitation Report (Qedit)

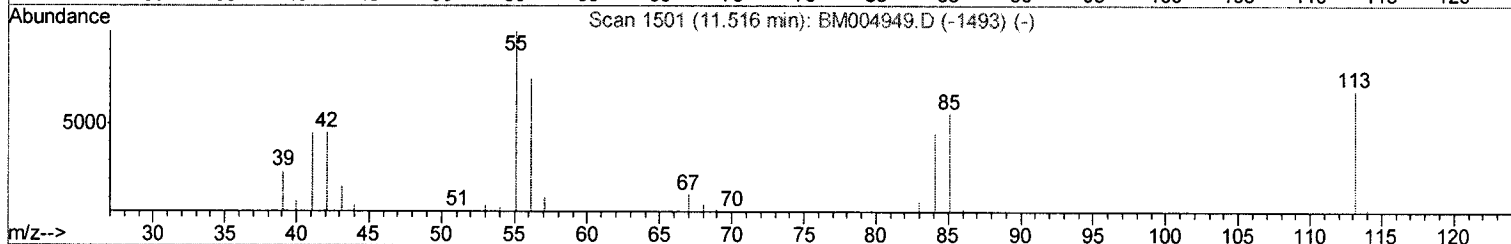
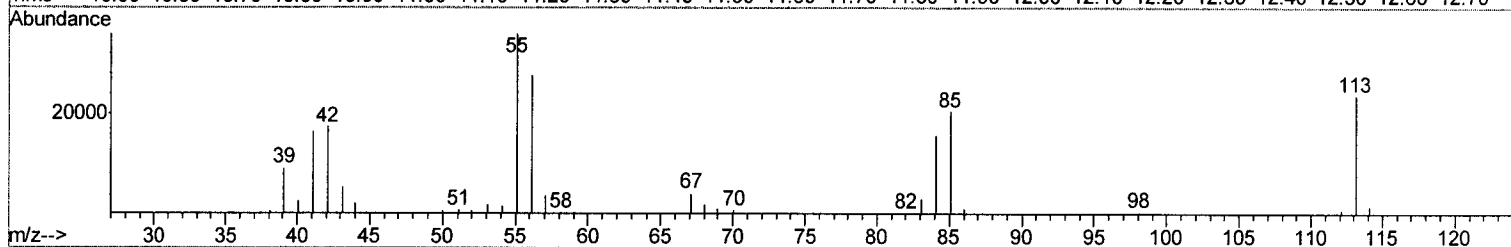
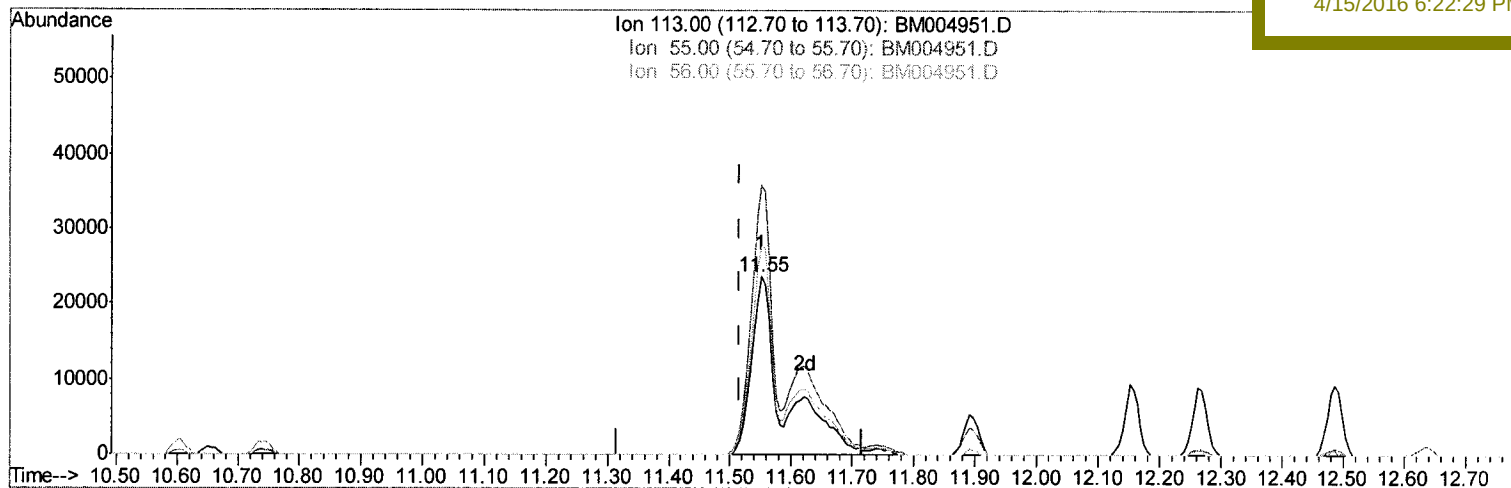
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TIC: BM004951.D

(32) Caprolactam

11.551min (+0.035) 59.25ng/ul m

response 86182

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	151.86
56.00	109.60	116.53
0.00	0.00	0.00

U.M
 04/21/16

Quantitation Report (Qedit)

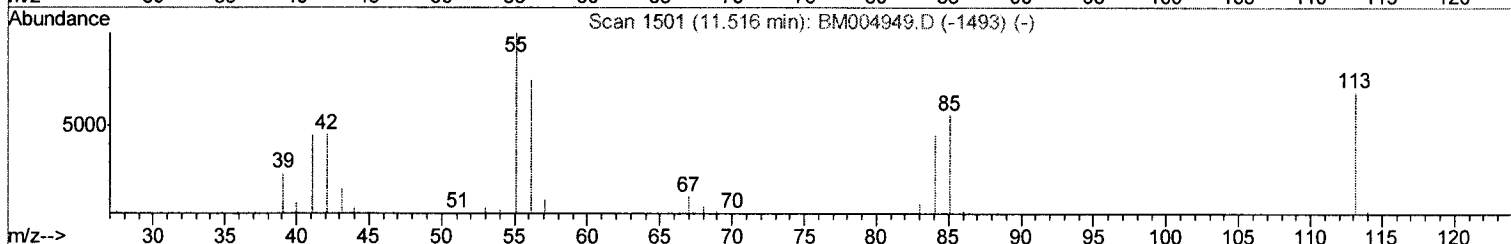
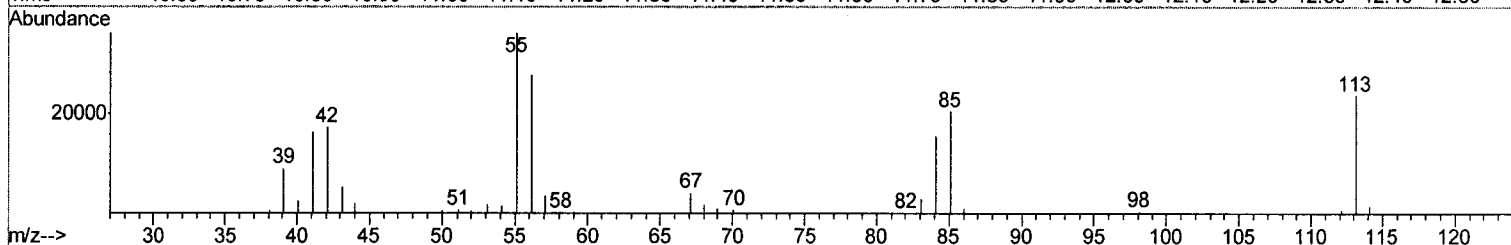
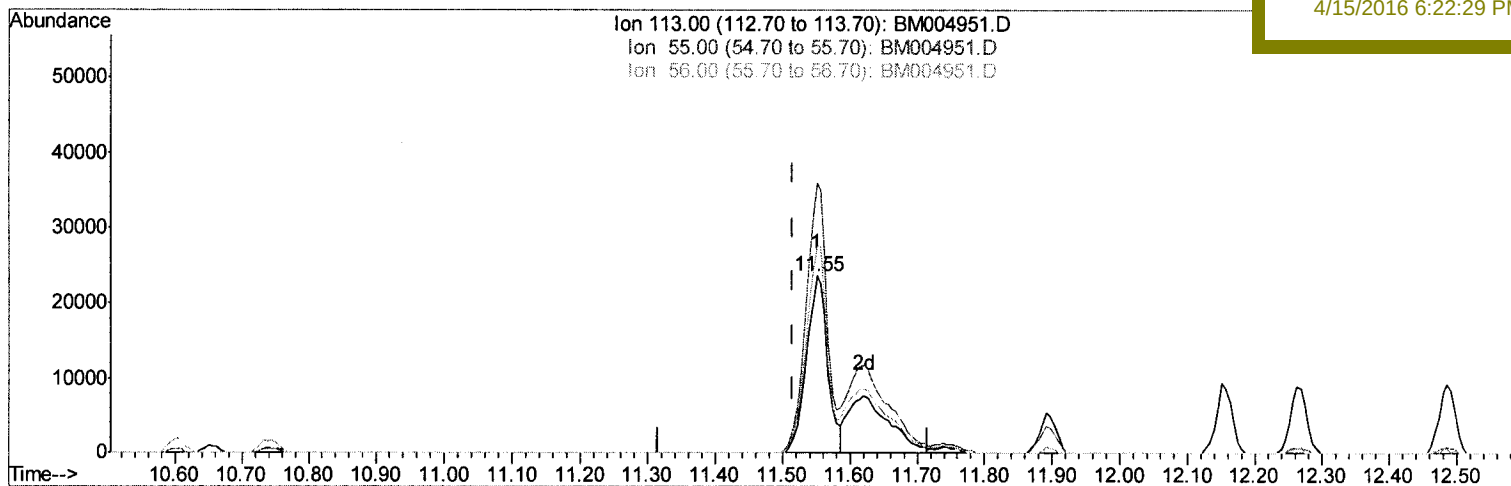
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Manual Integrations
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TIC: BM004951.D

(32) Caprolactam

11.551min (+0.035) 36.03ng/ul

response 52410

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	151.86
56.00	109.60	116.53
0.00	0.00	0.00

(QT Reviewed)

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