Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041416\
Data File : BM004949.D
Acq On : 14 Apr 2016 18:36
Operator : UM/SJ
Sample : SSTD02046
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 15 00:21:18 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 : SSTD02046

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	100889	19.39	ng/ul	100
37) Hexachlorocyclopentadiene	12.61	237	49836	16.50	ng/ul	100
38) 2,4,6-Trichlorophenol	12.87	196	65927	19.25	ng/ul	100
39) 2,4,5-Trichlorophenol	12.95	196	70805	18.87	ng/ul	100
40) 1,1'-Biphenyl	13.28	154	252712	18.68	ng/ul	100
41) 2-Chloronaphthalene	13.32	162	191279	18.74	ng/ul	100
42) 2-Nitroaniline	13.53	65	53841	18.40	ng/ul	100
44) Dimethylphthalate	13.90	163	236711	17.85	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	47820	18.41	ng/ul	100
47) Acenaphthylene	14.17	152	314199	18.79	ng/ul	100
48) 3-Nitroaniline	14.36	138	49986	18.95	ng/ul	100
49) Acenaphthene	14.52	153	202893	18.21	ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	15018	9.39	ng/ul	100
52) 4-Nitrophenol	14.66	109	32805	15.87	ng/ul	100
53) Dibenzofuran	14.85	168	292922	18.12	ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	67061	17.41	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.07	232	57736	17.65	ng/ul	100
56) Diethylphthalate	15.27	149	229335	17.23	ng/ul	100
58) Fluorene	15.50	166	226303	17.77	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	114638	18.33	ng/ul	100
60) 4-Nitroaniline	15.52	138	47705	15.70	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.57	198	30803	14.15	ng/ul	100
64) N-Nitrosodiphenylamine	15.70	169	196130	18.97	ng/ul	100
65) 4-Bromophenyl-phenylether	16.39	248	69715	19.49	ng/ul	100
66) Hexachlorobenzene	16.50	284	77145	19.04	ng/ul	100
67) Atrazine	16.66	200	67338	18.08	ng/ul	100
68) Pentachlorophenol	16.84	266	40292	16.34	ng/ul	100
69) Phenanthrene	17.24	178	348991	17.98	ng/ul	100
71) Anthracene	17.33	178	355290	18.26	ng/ul	100
72) Carbazole	17.60	167	308061	17.95	ng/ul	100
73) Di-n-butylphthalate	18.16	149	349304	17.20	ng/ul	100
74) Fluoranthene	19.25	202	373647	17.70	ng/ul	100
77) Pyrene	19.62	202	379785	19.28	ng/ul	100
78) Butylbenzylphthalate	20.51	149	144269	17.69	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.30	252	116498	18.11	ng/ul	100
80) Benzo(a)anthracene	21.36	228	347720	17.93	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	197866	17.14	ng/ul	100
82) Chrysene	21.42	228	328561	17.86	ng/ul	100
84) Di-n-octyl phthalate	22.18	149	340816	17.87	ng/ul	100
85) Benzo(b)fluoranthene	22.97	252	337319	17.96	ng/ul	100
86) Benzo(k)fluoranthene	23.02	252	333351	18.54	ng/ul	100
88) Benzo(a)pyrene	23.57	252	328564	18.12	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.99	276	366098	17.13	ng/ul	100
90) Dibenzo(a,h)anthracene	25.99	278	308903	17.36	ng/ul	100
91) Benzo(g,h,i)perylene	26.69	276	305144	16.69	ng/ul	100

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

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	63268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	286231	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	170487	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	363094	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	349052	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	336017	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	9726	6.58	ng/uL	0.00
5) Phenol-d5	6.97	99	96916	17.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	55772	18.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	76869	18.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	79831	17.42	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	38739	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	43914	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	79415	19.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	103676	21.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	236703	18.12	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	294757	18.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	38527	15.34	ng/ul	0.00
57) Fluorene-d10	15.44	176	203889	18.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	29033	14.21	ng/ul	0.00
70) Anthracene-d10	17.29	188	298040	18.74	ng/ul	0.00
76) Pyrene-d10	19.59	212	299092	19.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	264117	18.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	17620	9.02	ng/uL	100
4) Benzaldehyde	6.96	77	63635	24.40	ng/ul	100
6) Phenol	7.00	94	100608	17.66	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.23	93	78566	18.14	ng/ul	100
10) 2-Chlorophenol	7.37	128	79723	18.22	ng/ul	100
11) 2-Methylphenol	8.25	108	78722	17.49	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	98504	18.57	ng/ul	100
14) Acetophenone	8.63	105	125930	18.21	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.62	70	62730	17.96	ng/ul	100
16) 4-Methylphenol	8.57	108	86768	17.36	ng/ul	100
17) Hexachloroethane	8.89	117	30595	18.24	ng/ul	100
20) Nitrobenzene	9.01	77	90560	18.93	ng/ul	100
21) Isophorone	9.53	82	173437	18.40	ng/ul	100
23) 2-Nitrophenol	9.72	139	47198	19.45	ng/ul	100
24) 2,4-Dimethylphenol	9.77	107	95769	18.83	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.01	93	107464	18.24	ng/ul	100
27) 2,4-Dichlorophenol	10.25	162	80102	18.83	ng/ul	100
28) Naphthalene	10.65	128	261956	18.49	ng/ul	100
30) 4-Chloroaniline	10.76	127	104397	20.54	ng/ul	100
31) Hexachlorobutadiene	10.93	225	50843	19.43	ng/ul	100
32) Caprolactam	11.52	113	24372m	15.56	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	88644	18.35	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	193719	18.44	ng/ul	100

U.M 04/21/16

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Instrument :
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Manual Integrations APPROVED
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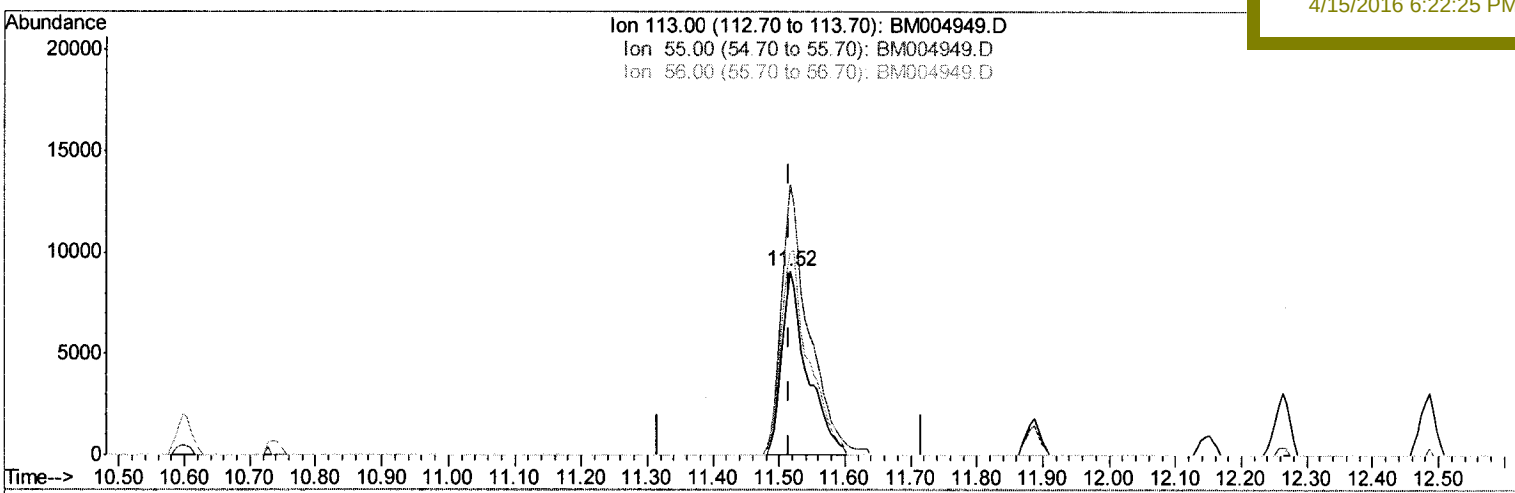

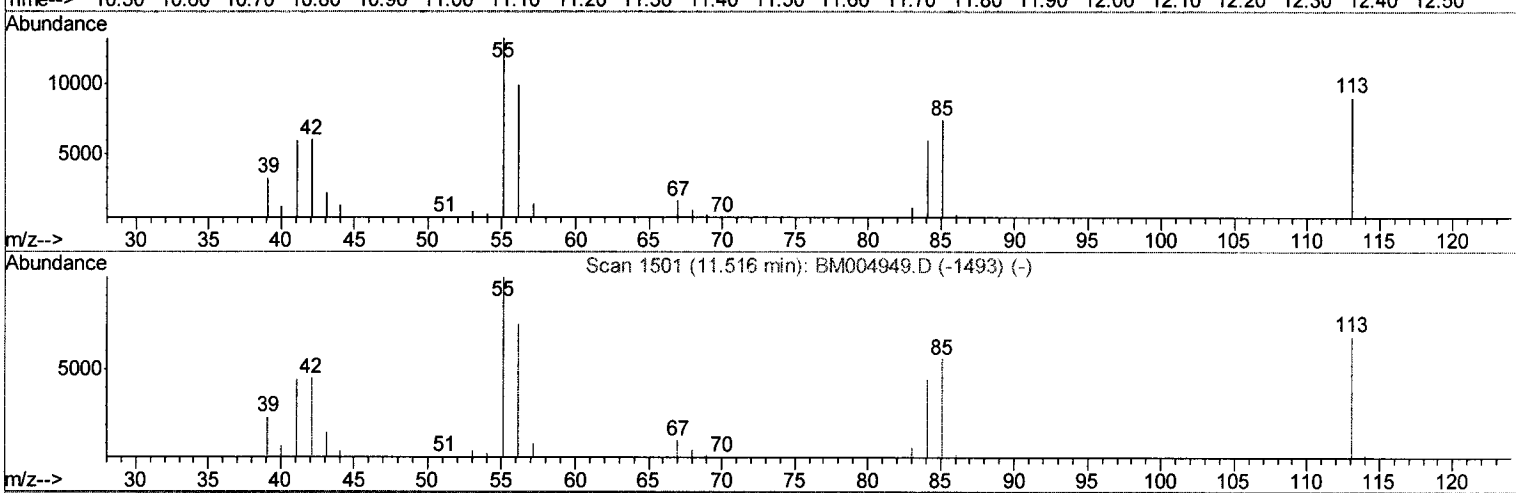

TIC: BM004949.D

(32) Caprolactam

11.516min (0.000) 15.56ng/ul m

response 24372

U.M 04/21/16

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	146.17
56.00	109.60	109.62
0.00	0.00	0.00

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Instrument :
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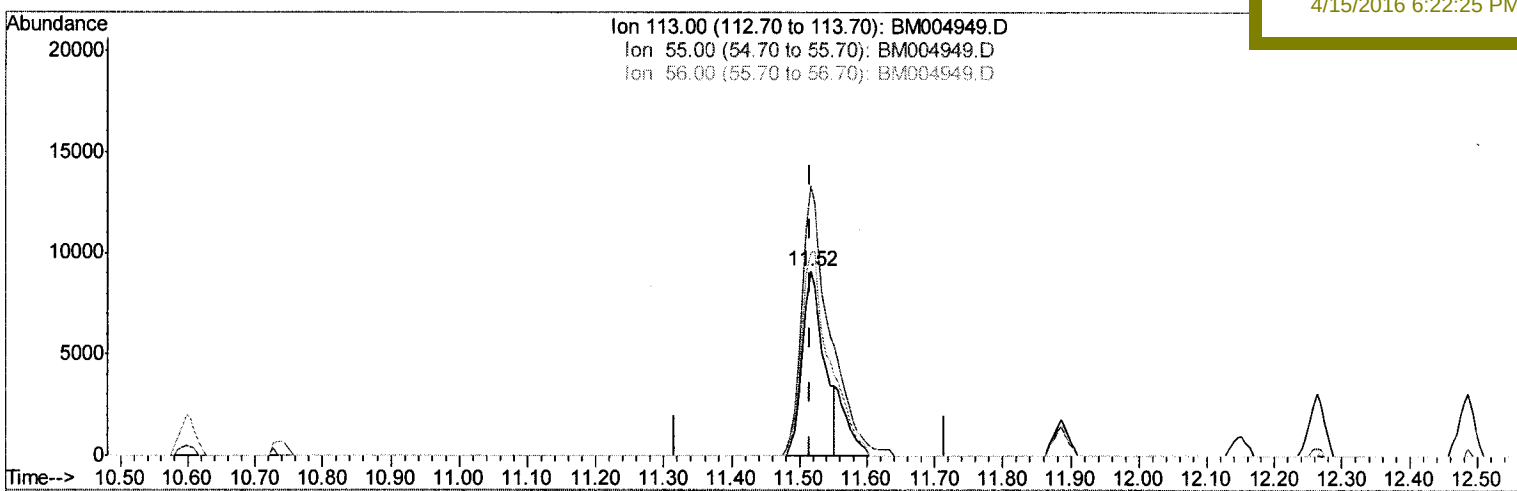
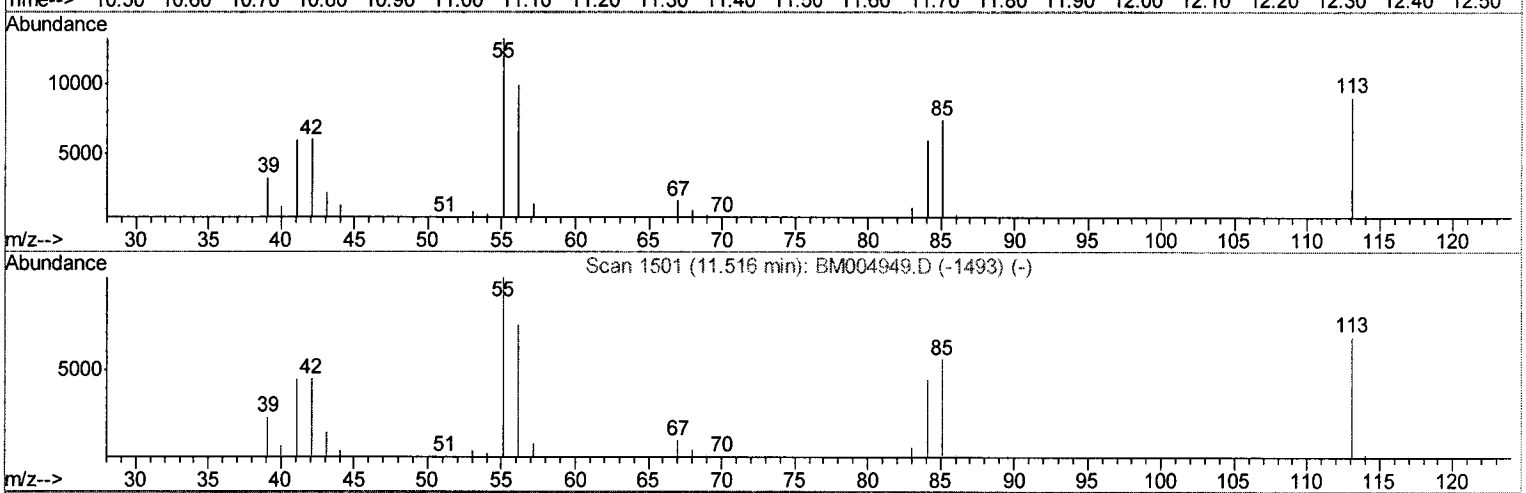
ClientSampleId :
SSTD02046

Manual Integrations APPROVED
Sohil
4/15/2016 6:22:25 PM





TIC: BM004949.D

(32) Caprolactam

11.516min (0.000) 12.93ng/ul

response 20254

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	146.17
56.00	109.60	109.62
0.00	0.00	0.00

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