Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM103015\
Data File : BM003015.D
Acq On : 30 Oct 2015 16:14
Operator : UM/IZ
Sample : SSTD04058
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 30 16:49:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 16:06:55 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04058

Manual Integrations APPROVED
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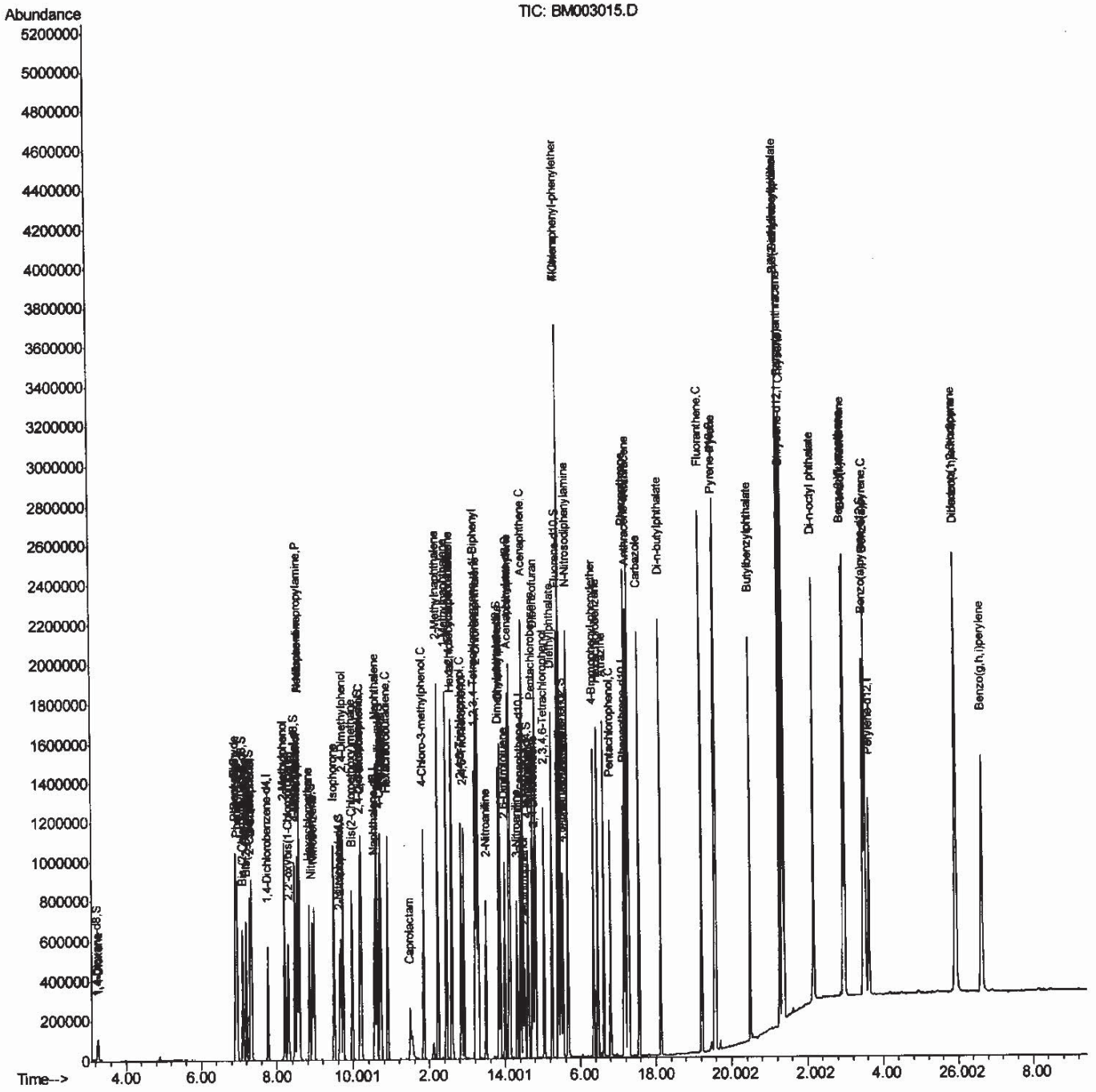

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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	12.45	142	904066	37.25	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.60	216	443552	40.24	ng/ul	98
38) Hexachlorocyclopentadiene	12.58	237	269743	129.58	ng/ul	95
39) 2,4,6-Trichlorophenol	12.84	196	282439	43.15	ng/ul	99
40) 2,4,5-Trichlorophenol	12.90	196	301689	44.70	ng/ul	99
41) 1,1'-Biphenyl	13.24	154	1163657	37.98	ng/ul	100
42) 2-Chloronaphthalene	13.29	162	868077	37.45	ng/ul	99
43) 2-Nitroaniline	13.49	65	200679	38.34	ng/ul	90
45) Dimethylphthalate	13.87	163	1046245	38.56	ng/ul	100
46) 2,6-Dinitrotoluene	13.99	165	198449	35.75	ng/ul#	87
48) Acenaphthylene	14.13	152	1392235	37.00	ng/ul	99
49) 3-Nitroaniline	14.32	138	201067	35.31	ng/ul	89
50) Acenaphthene	14.48	153	921559	36.90	ng/ul	99
51) 2,4-Dinitrophenol	14.52	184	96734	59.22	ng/ul	94
53) 4-Nitrophenol	14.62	109	135328	65.42	ng/ul#	78
54) Dibenzofuran	14.82	168	1288388	38.19	ng/ul	96
55) 2,4-Dinitrotoluene	14.77	165	273286	35.34	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.04	232	247593	50.20	ng/ul	98
57) Diethylphthalate	15.24	149	1047406	38.58	ng/ul	99
59) Fluorene	15.46	166	979379	35.35	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.46	204	465208	36.42	ng/ul	95
61) 4-Nitroaniline	15.49	138	201768	35.72	ng/ul#	82
64) 4,6-Dinitro-2-methylphenol	15.54	198	145193	37.18	ng/ul	97
65) N-Nitrosodiphenylamine	15.67	169	851449	34.36	ng/ul	99
66) 4-Bromophenyl-phenylether	16.35	248	282230	36.71	ng/ul	96
67) Hexachlorobenzene	16.46	284	327496	39.99	ng/ul	94
68) Atrazine	16.62	200	305819	38.81	ng/ul	97
69) Pentachlorophenol	16.80	266	192485	97.39	ng/ul	98
70) Phenanthrene	17.20	178	1542682	36.41	ng/ul	98
72) Anthracene	17.29	178	1530938	35.48	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.21	216	434556	38.03	ng/uL	99
74) Pentachlorobenzene	14.73	250	400573	38.16	ng/uL	99
75) Carbazole	17.56	167	1361384	37.51	ng/ul	99
76) Di-n-butylphthalate	18.13	149	1639580	34.94	ng/ul#	99
77) Fluoranthene	19.22	202	1654539	40.53	ng/ul	96
80) Pyrene	19.59	202	1698542	34.25	ng/ul	95
81) Butylbenzylphthalate	20.49	149	613592	28.70	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.27	252	422463	31.51	ng/ul	99
83) Benzo(a)anthracene	21.33	228	1524680	36.17	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.27	149	954381	30.38	ng/ul	99
85) Chrysene	21.39	228	1443438	36.22	ng/ul	98
87) Di-n-octyl phthalate	22.16	149	1512799	28.24	ng/ul	100
88) Benzo(b)fluoranthene	22.94	252	1537505	37.20	ng/ul	98
89) Benzo(k)fluoranthene	22.99	252	1448788	36.34	ng/ul	97
91) Benzo(a)pyrene	23.53	252	1465497	37.28	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.93	276	1675463	38.98	ng/ul	94
93) Dibenzo(a,h)anthracene	25.94	278	1369193	37.91	ng/ul#	94
94) Benzo(g,h,i)perylene	26.63	276	1466600	40.84	ng/ul	94

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Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD04058

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	154639	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	684150	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	357596	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	733133	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	710628	20.00	ng/ul	0.00
86) Perylene-d12	23.62	264	684616	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	48715	16.72	ng/uL	0.00
5) Phenol-d5	6.93	99	481377	41.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	276806	41.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	404173	36.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	389653	37.36	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	177412	35.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	180333	33.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	376300	40.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	508736	39.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.83	166	1043996	39.02	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	1335244	37.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	179018	48.38	ng/ul	0.00
58) Fluorene-d10	15.41	176	878538	36.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	132727	35.74	ng/ul	0.00
71) Anthracene-d10	17.26	188	1247348	36.07	ng/ul	0.00
79) Pyrene-d10	19.56	212	1305958	35.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.48	264	1309093	37.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	53363	16.87	ng/uL	94
4) Benzaldehyde	6.91	77	287183	48.09	ng/ul	92
6) Phenol	6.96	94	495050	40.17	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.20	93	388833	39.15	ng/ul	99
10) 2-Chlorophenol	7.33	128	416223	37.06	ng/ul	99
11) 2-Methylphenol	8.20	108	388769	38.54	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.30	45	477038	35.55	ng/ul	96
14) Acetophenone	8.59	105	582514	37.08	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.58	70	286155	38.52	ng/ul	93
16) 4-Methylphenol	8.54	108	419515	38.18	ng/ul	100
17) Hexachloroethane	8.85	117	156251	37.97	ng/ul	98
20) Nitrobenzene	8.97	77	414766	42.08	ng/ul	91
21) Isophorone	9.49	82	814297	41.94	ng/ul	95
23) 2-Nitrophenol	9.68	139	208044	34.35	ng/ul#	90
24) 2,4-Dimethylphenol	9.74	107	445171	40.68	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.97	93	508989	39.14	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	382071	39.96	ng/ul	99
28) Naphthalene	10.62	128	1292869	37.31	ng/ul	100
30) 4-Chloroaniline	10.72	127	527627	41.21	ng/ul	99
31) Hexachlorobutadiene	10.90	225	231274	42.50	ng/ul	100
32) Caprolactam	11.49	113	108971m	37.66	ng/ul	
33) 4-Chloro-3-methylphenol	11.84	107	398671	40.86	ng/ul	96
34) 2-Methylnaphthalene	12.23	142	933388	37.65	ng/ul	100

UM 10/31/15

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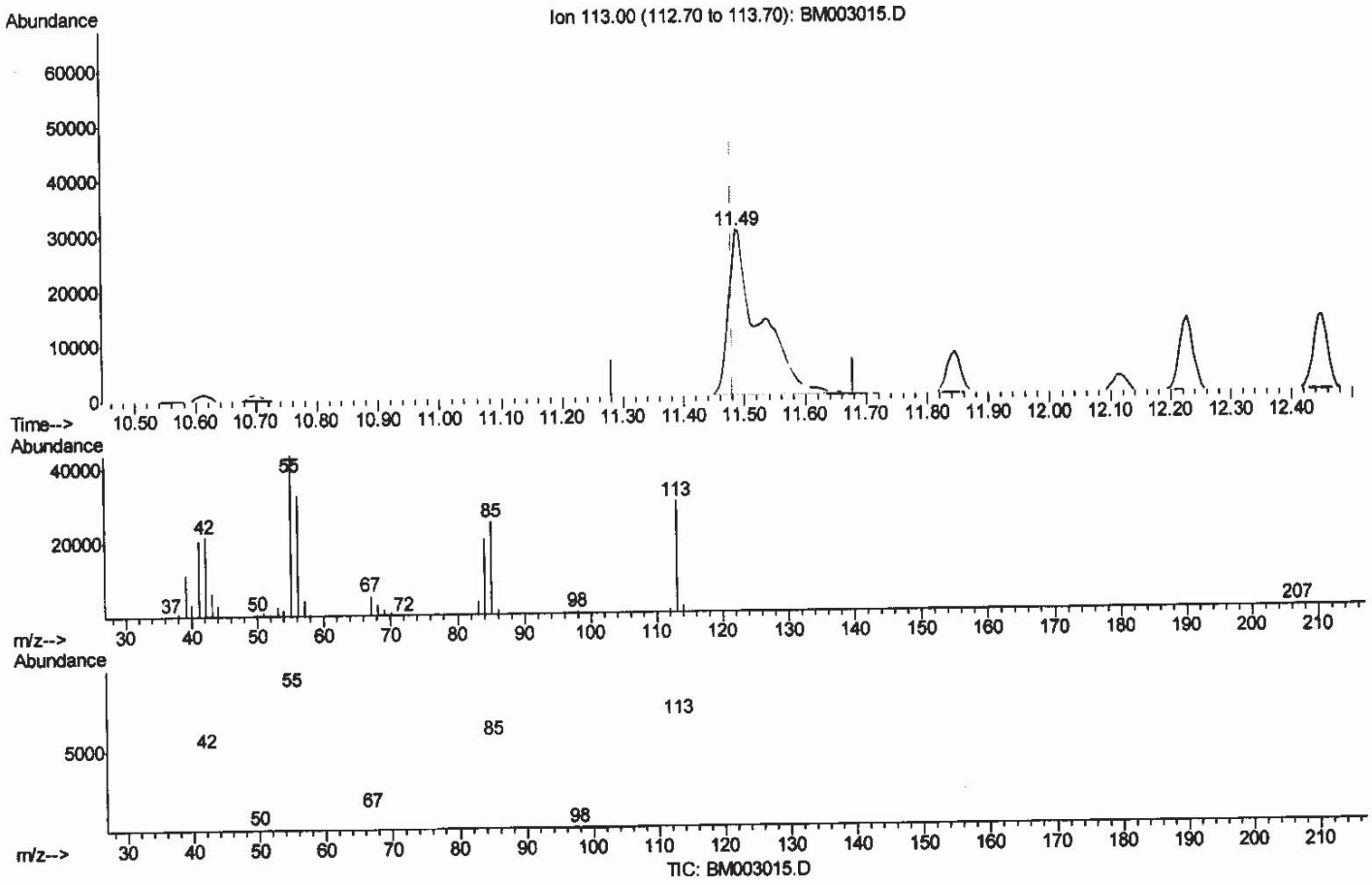

(32) Caprolactam

11.486min (+0.006) 37.66ng/ul m

response 108971

Ion	Exp%	Act%
113.00	100	100
55.00	141.10	144.13
56.00	103.40	107.68
0.00	0.00	0.00

UM 10/31/15

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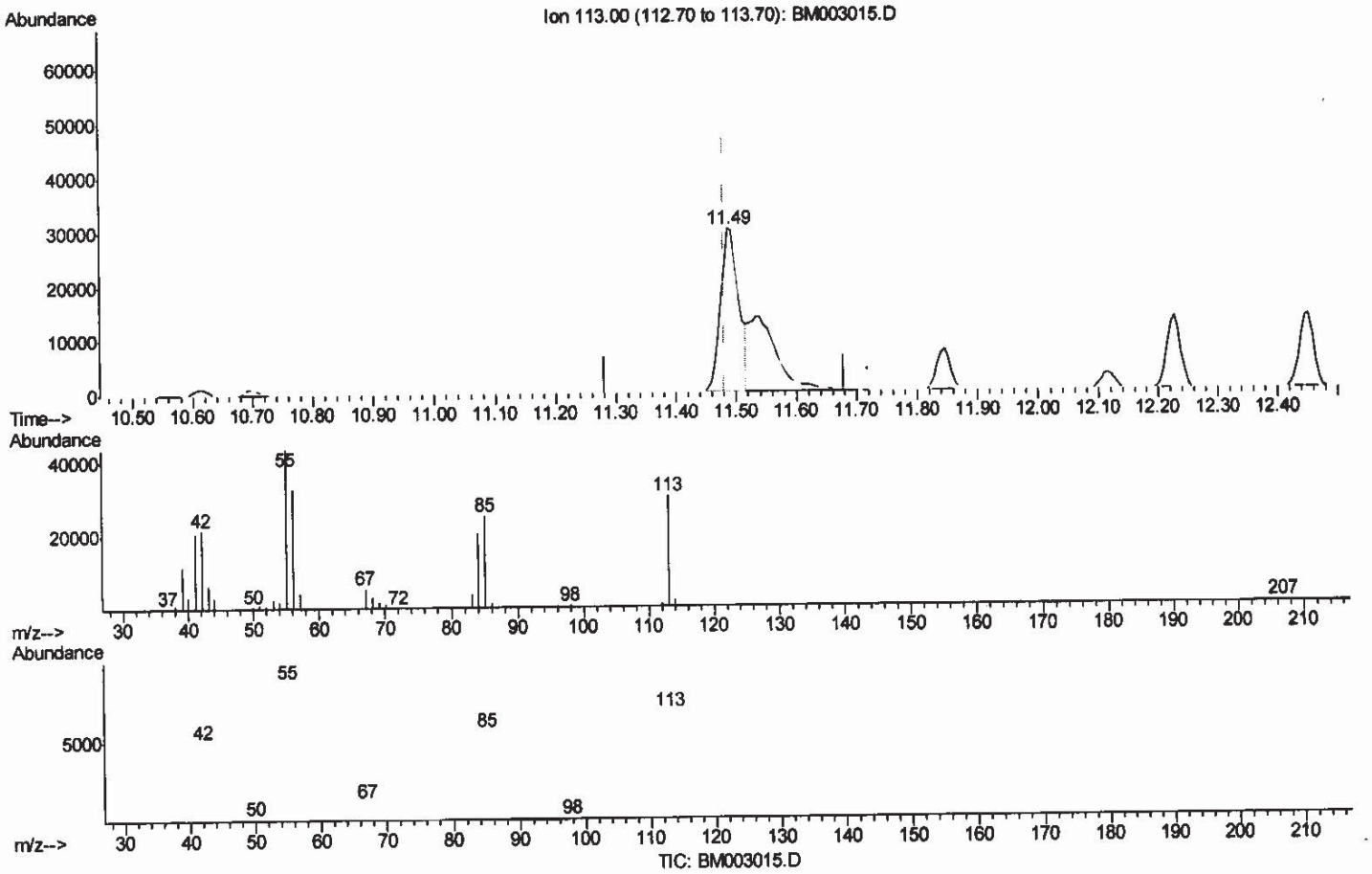

(32) Caprolactam

11.486min (+0.006) 22.28ng/ul

response 64469

Ion	Exp%	Act%
113.00	100	100
55.00	141.10	144.13
56.00	103.40	107.68
0.00	0.00	0.00