Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080316\
Data File : BM006855.D
Acq On : 03 Aug 2016 22:40
Operator : UM/SJ
Sample : SSTD08051

Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 04 04:57:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 04:55:08 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08051

Manual Integrations APPROVED
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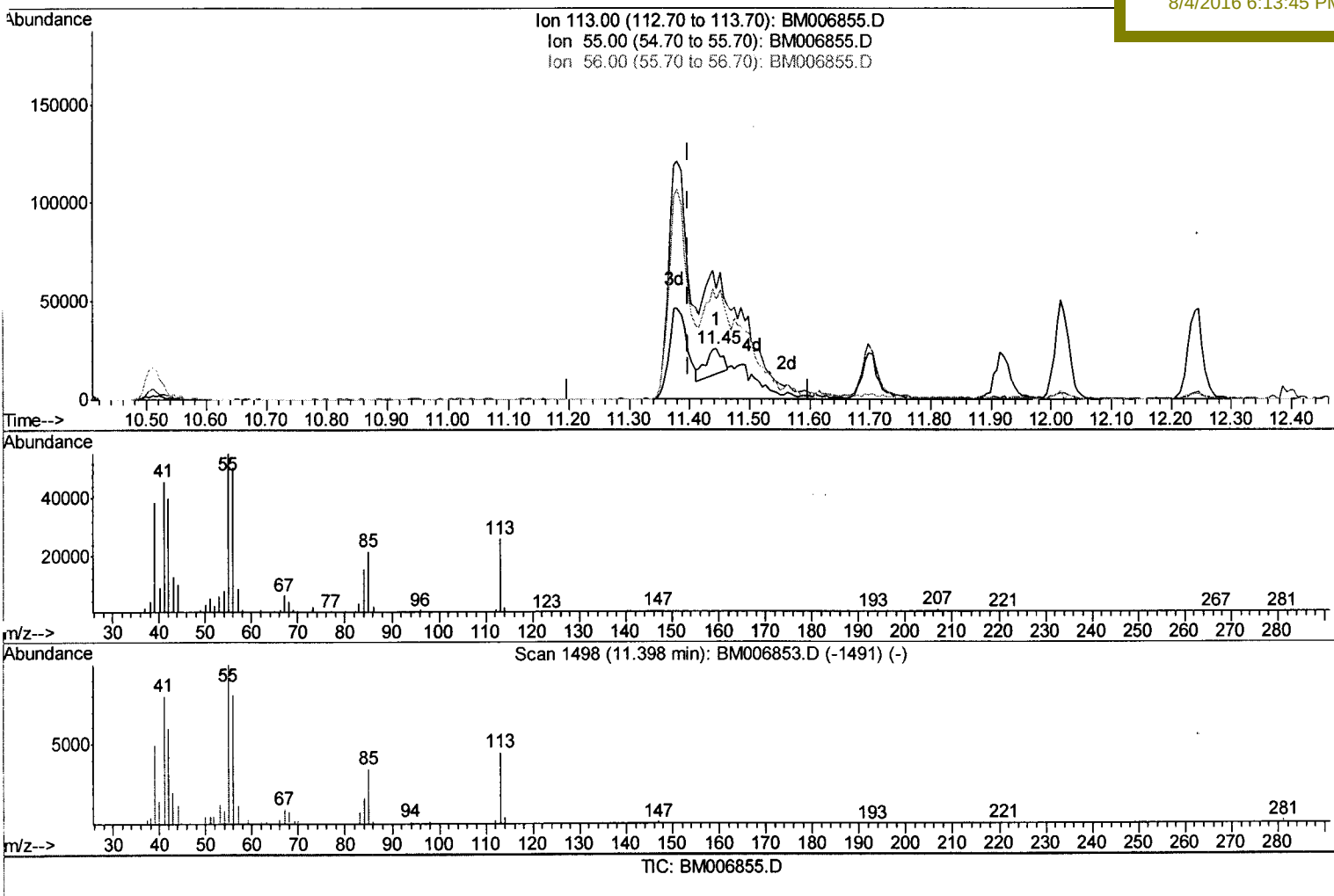

TIC: BM006855.D

(32) Caprolactam

11.445min (+0.047) 9.40ng/ul

response 27022

Ion	Exp%	Act%
113.00	100	100
55.00	223.90	214.37
56.00	180.80	194.98
0.00	0.00	0.00

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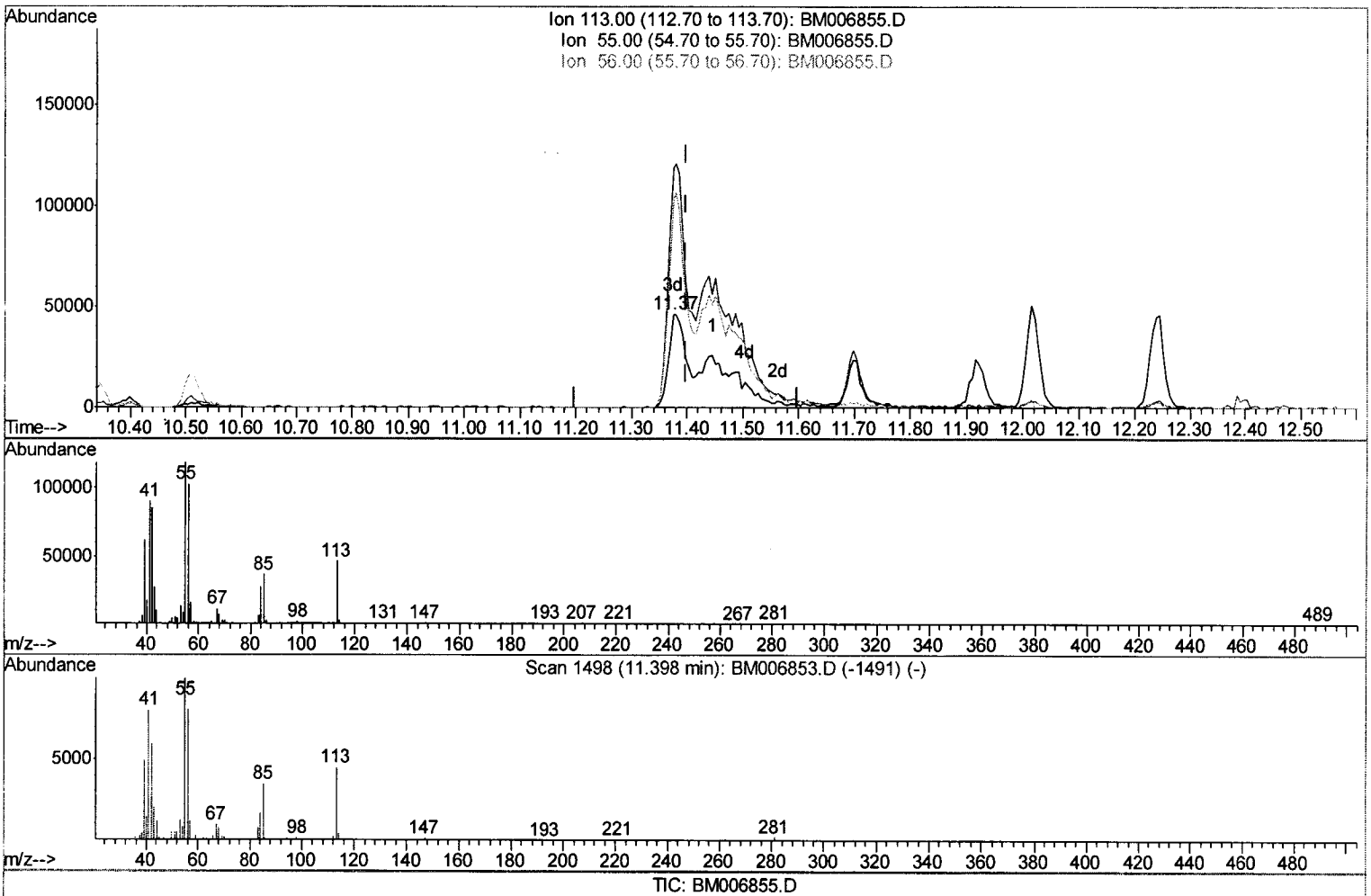

TIC: BM006855.D

(32) Caprolactam

11.375min (-0.023) 78.57ng/ul m

response 225829

Ion	Exp%	Act%
113.00	100	100
55.00	223.90	256.93
56.00	180.80	222.26#
0.00	0.00	0.00

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08/04/16

Quantitation Report (Qedit)

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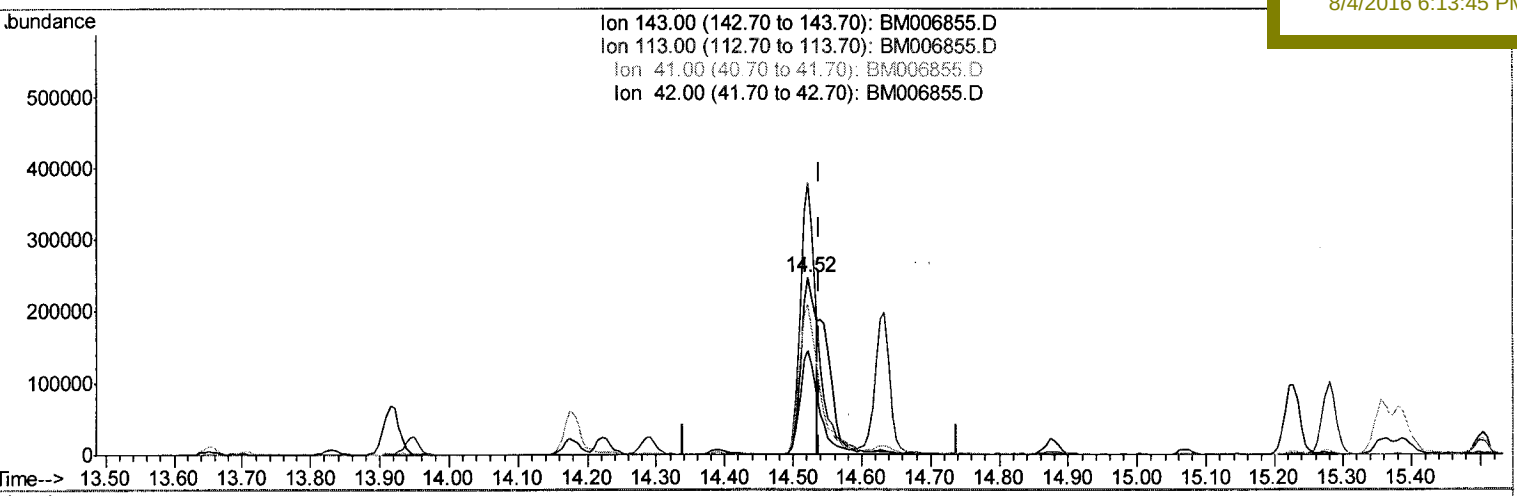

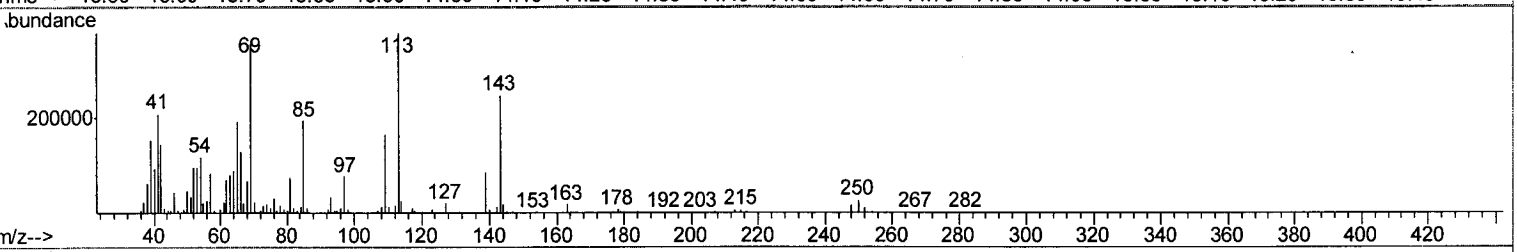

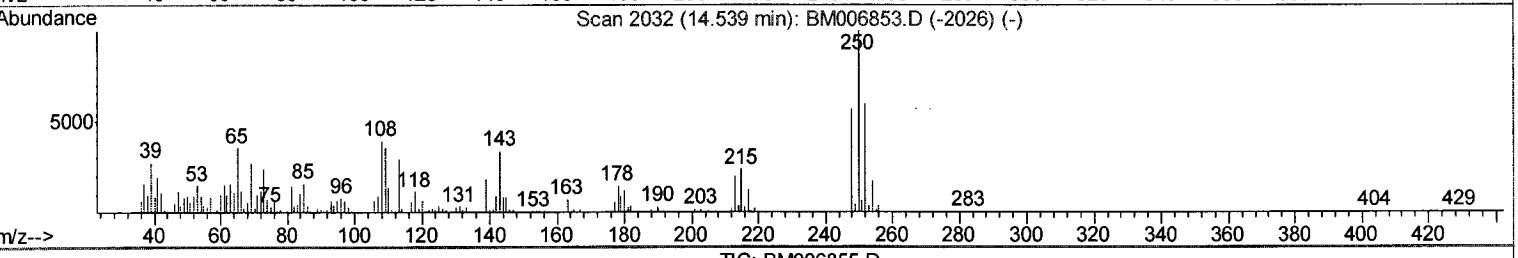

TIC: BM006855.D

(51) 4-Nitrophenol-d4 (S)

14.521min (-0.018) 62.91ng/ul

response 367866

Ion	Exp%	Act%
143.00	100	100
113.00	87.10	153.37#
41.00	58.30	84.59#
42.00	33.50	58.88#

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Misc :
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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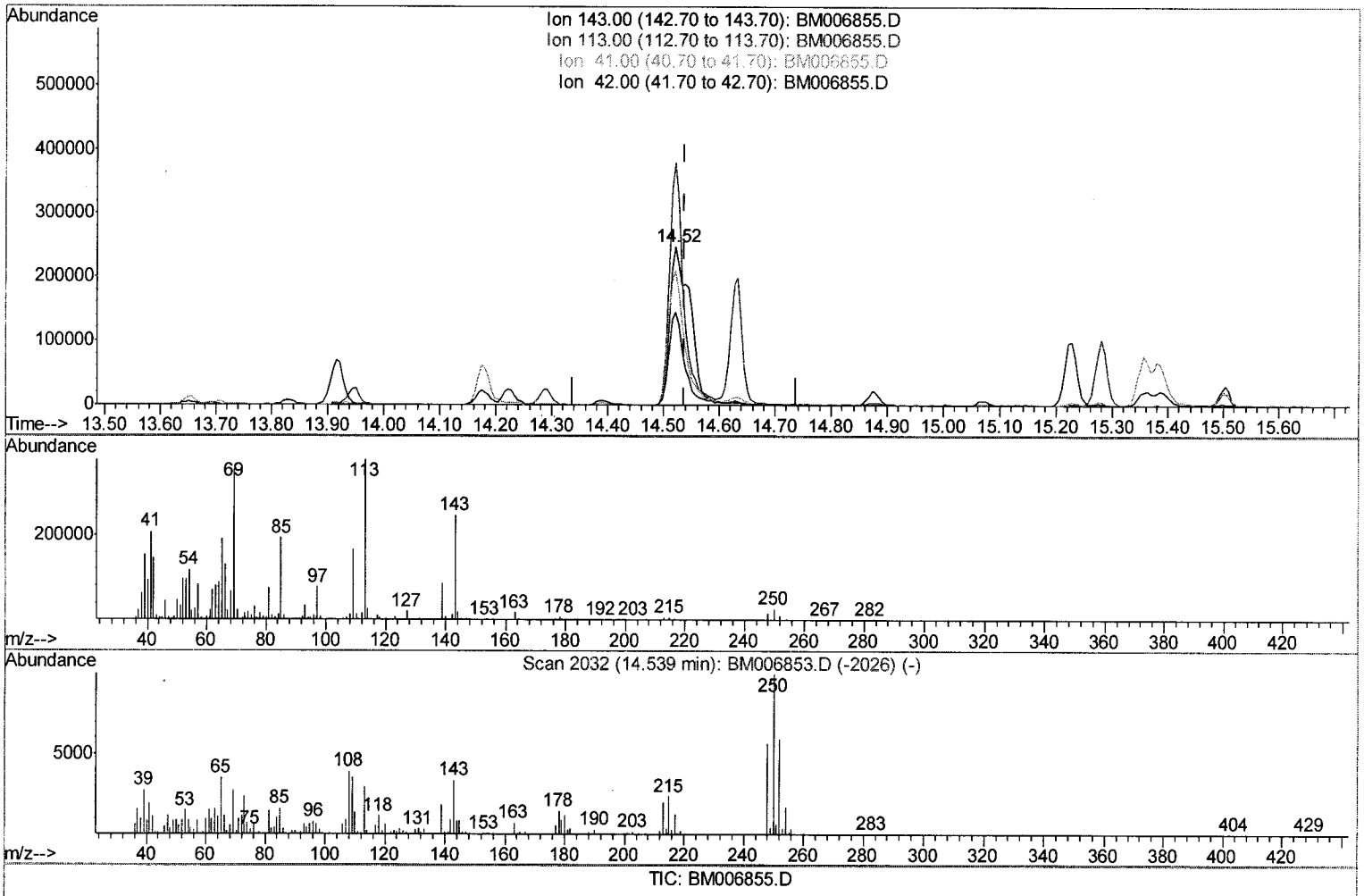

TIC: BM006855.D

(51) 4-Nitrophenol-d4 (S)

14.521min (-0.018) 109.27ng/ul m

response 638947

Ion	Exp%	Act%
143.00	100	100
113.00	87.10	153.37#
41.00	58.30	84.59#
42.00	33.50	58.88#

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8/04/16

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 04:55:08 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD08051

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	151454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	595930	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	410187	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1038401	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1156325	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	931593	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	89825	24.06	ng/uL	0.00
5) Phenol-d5	6.80	99	959527	75.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	600249	74.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	755143	74.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	759192	76.02	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	361360	80.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	431333	87.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	902364	96.72	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.51	131	887788	94.15	ng/ul	-0.01
43) Dimethylphthalate-d6	13.66	166	2905307	88.67	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	3532569	86.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	638947m	109.27	ng/ul	-0.02
57) Fluorene-d10	15.23	176	2611758	90.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	586709	99.69	ng/ul	0.00
70) Anthracene-d10	17.08	188	4258686	87.34	ng/ul	0.00
76) Pyrene-d10	19.39	212	4955172	90.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	4024975	94.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	92578	24.34	ng/uL	92
4) Benzaldehyde	6.73	77	622338	74.89	ng/ul	95
6) Phenol	6.82	94	1000686	74.32	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.01	93	690324	68.09	ng/ul	91
10) 2-Chlorophenol	7.15	128	762635	74.09	ng/ul	97
11) 2-Methylphenol	8.05	108	782840	77.73	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.10	45	1492303	93.06	ng/ul#	93
14) Acetophenone	8.40	105	1355046	85.17	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.39	70	730873	84.41	ng/ul#	96
16) 4-Methylphenol	8.39	108	862756	80.64	ng/ul	93
17) Hexachloroethane	8.62	117	389949	86.35	ng/ul	82
20) Nitrobenzene	8.78	77	1139798	95.15	ng/ul	95
21) Isophorone	9.31	82	1829423	84.03	ng/ul	98
23) 2-Nitrophenol	9.48	139	467439	87.09	ng/ul	89
24) 2,4-Dimethylphenol	9.56	107	1104779	93.60	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.78	93	947627	72.26	ng/ul	100
27) 2,4-Dichlorophenol	10.03	162	893795	96.61	ng/ul	89
28) Naphthalene	10.40	128	2524158	84.87	ng/ul	99
30) 4-Chloroaniline	10.53	127	891272	91.23	ng/ul	92
31) Hexachlorobutadiene	10.66	225	750589	117.61	ng/ul	98
32) Caprolactam	11.37	113	225829m	78.57	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	958589	91.68	ng/ul	96
34) 2-Methylnaphthalene	12.02	142	2053805	92.33	ng/ul	99

U.M 08/04/11 b

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Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD08051

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	1338297	97.29	ng/ul	95
37) Hexachlorocyclopentadiene	12.36	237	803286	129.51	ng/ul#	92
38) 2,4,6-Trichlorophenol	12.66	196	846487	93.85	ng/ul	97
39) 2,4,5-Trichlorophenol	12.75	196	833891	89.19	ng/ul	87
40) 1,1'-Biphenyl	13.05	154	2836142	85.52	ng/ul	100
41) 2-Chloronaphthalene	13.09	162	2208980	85.60	ng/ul	100
42) 2-Nitroaniline	13.33	65	890658	97.34	ng/ul	98
44) Dimethylphthalate	13.70	163	2825696	85.88	ng/ul#	98
45) 2,6-Dinitrotoluene	13.83	165	584559	87.40	ng/ul	97
47) Acenaphthylene	13.95	152	3611603	85.18	ng/ul	97
48) 3-Nitroaniline	14.17	138	461826	77.38	ng/ul#	81
49) Acenaphthene	14.29	153	2325574	85.64	ng/ul	97
50) 2,4-Dinitrophenol	14.39	184	376043	106.57	ng/ul	89
52) 4-Nitrophenol	14.54	109	881702	148.43	ng/ul	98
53) Dibenzofuran	14.63	168	3656249	93.20	ng/ul	96
54) 2,4-Dinitrotoluene	14.63	165	936921	97.52	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.87	232	863312	106.28	ng/ul#	95
56) Diethylphthalate	15.07	149	3013705	87.11	ng/ul	98
58) Fluorene	15.28	166	3177492	99.34	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.27	204	1694605	106.08	ng/ul	99
60) 4-Nitroaniline	15.36	138	512282	72.95	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.40	198	606000	96.79	ng/ul#	89
64) N-Nitrosodiphenylamine	15.50	169	2552588	82.76	ng/ul	97
65) 4-Bromophenyl-phenylether	16.17	248	1065975	93.58	ng/ul	93
66) Hexachlorobenzene	16.29	284	1131373	90.55	ng/ul	93
67) Atrazine	16.47	200	1079896	95.99	ng/ul	98
68) Pentachlorophenol	16.65	266	658296	113.55	ng/ul	96
69) Phenanthrene	17.03	178	4921267	87.34	ng/ul	99
71) Anthracene	17.12	178	5068824	86.88	ng/ul	98
72) Carbazole	17.40	167	4114988	82.75	ng/ul	99
73) Di-n-butylphthalate	17.96	149	5048239	77.08	ng/ul	99
74) Fluoranthene	19.05	202	6194229	95.79	ng/ul	99
77) Pyrene	19.42	202	6412914	89.40	ng/ul	99
78) Butylbenzylphthalate	20.32	149	2351294	75.39	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.12	252	1813694	91.47	ng/ul	95
80) Benzo(a)anthracene	21.17	228	5936220	85.89	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.10	149	3311090	74.47	ng/ul	96
82) Chrysene	21.23	228	5217408	83.39	ng/ul	98
84) Di-n-octyl phthalate	21.96	149	5040517	88.81	ng/ul#	93
85) Benzo(b)fluoranthene	22.73	252	5460731	99.31	ng/ul	98
86) Benzo(k)fluoranthene	22.77	252	5046423	97.29	ng/ul	99
88) Benzo(a)pyrene	23.29	252	5086497	96.38	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.59	276	6173899	99.23	ng/ul	97
90) Dibenzo(a,h)anthracene	25.59	278	5240030	100.82	ng/ul	97
91) Benzo(g,h,i)perylene	26.25	276	4690791	88.11	ng/ul	99

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

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