Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\

Quantitation Report (Qedit)

Data File : BM009747.D
Acq On : 27 Apr 2017 19:18
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 28 01:05:02 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 01:04:44 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02033

Manual Integrations APPROVED
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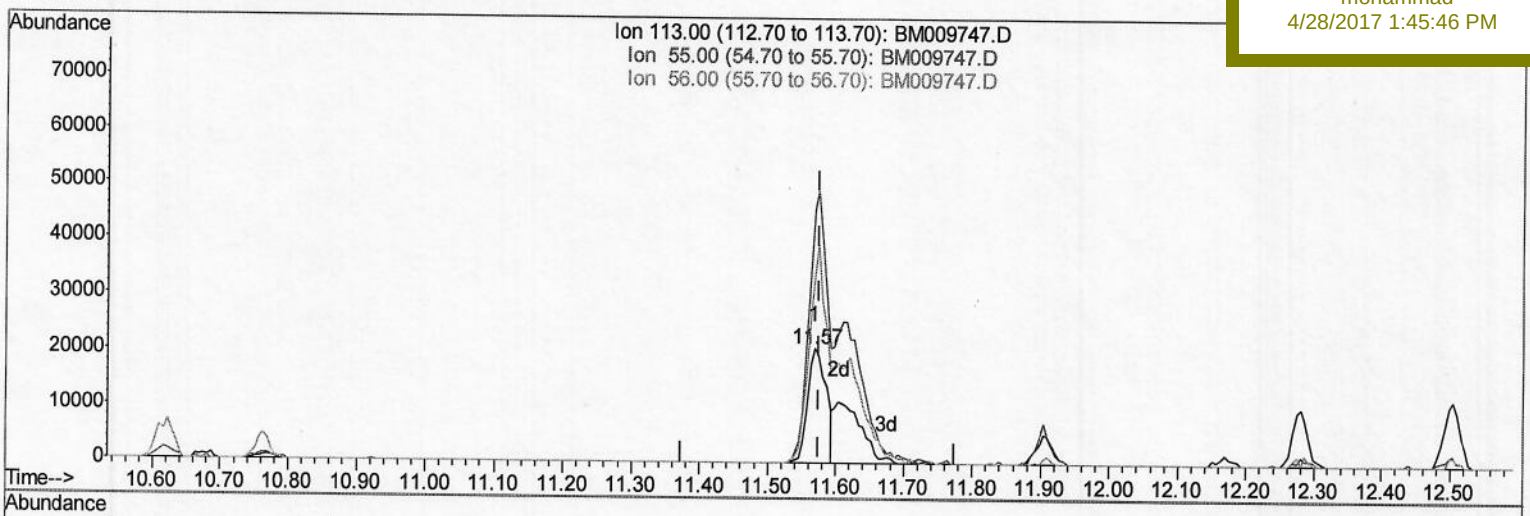

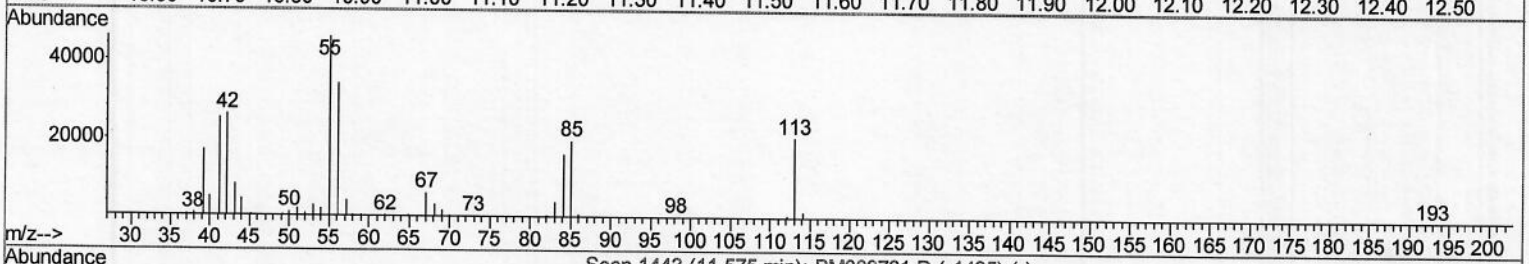

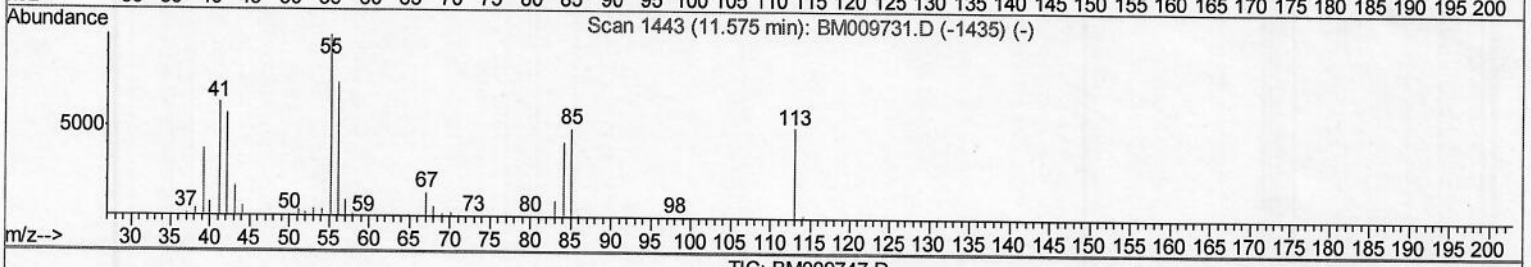

TIC: BM009747.D

(32) Caprolactam

11.569min (-0.006) 9.52ng/ul

response 39322

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	220.31
56.00	207.20	163.98#
0.00	0.00	0.00

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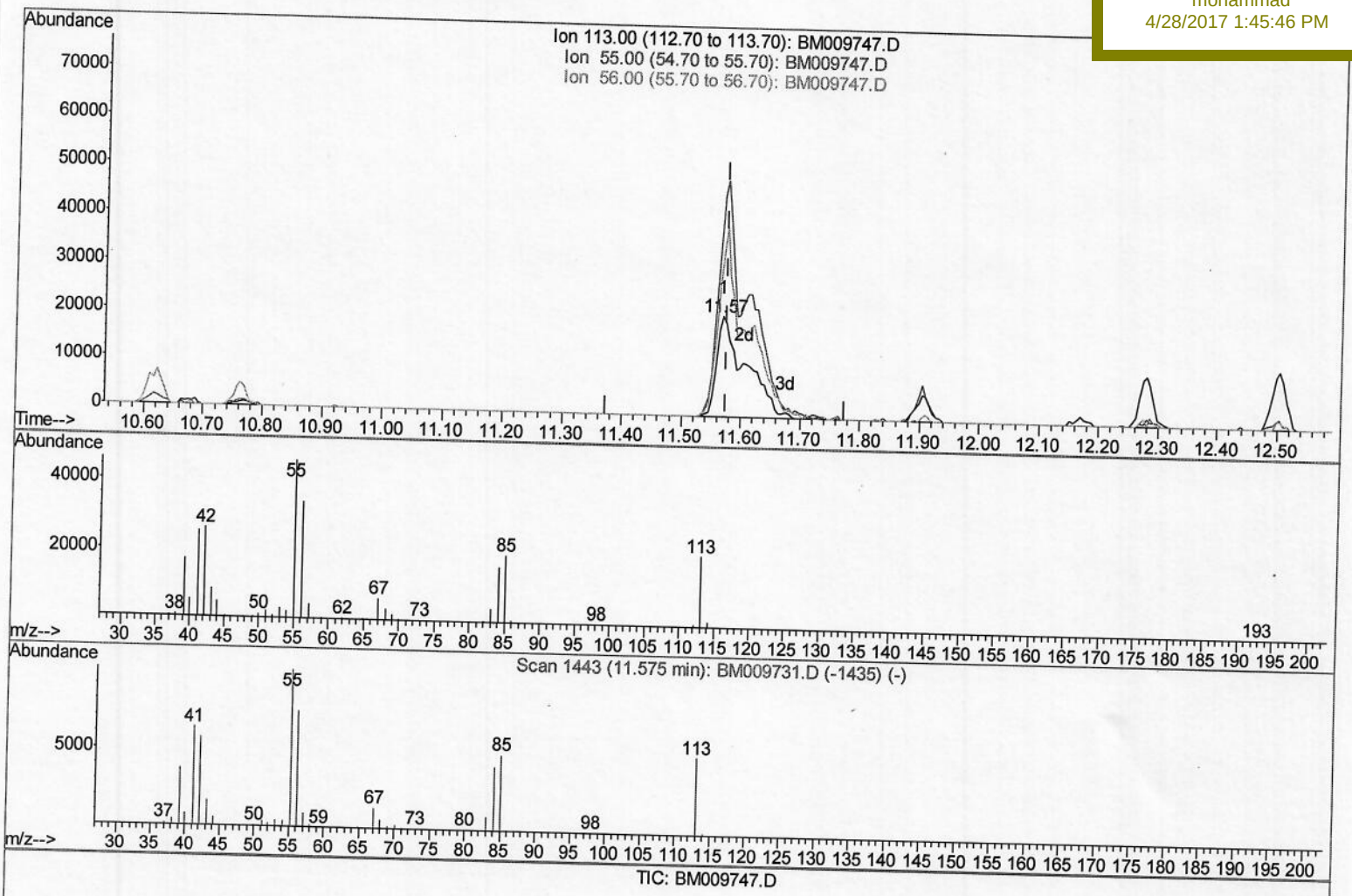

TIC: BM009747.D

(32) Caprolactam

11.569min (-0.006) 17.21ng/ul m

response 71107

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	220.31
56.00	207.20	163.98#
0.00	0.00	0.00

S.J
05/04/17

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Misc :
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Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 01:04:44 2017
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LabSampleId : SSTD02033

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	141867	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	648090	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	427420	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1047928	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1293111	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1008403	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	21645	7.03	ng/uL	0.00
5) Phenol-d5	6.99	99	290198	18.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	202190	19.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	191811	19.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	222179	18.49	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	103503	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	113353	20.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	217330	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	279555	20.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	718459	19.32	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	895129	19.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	130955	18.25	ng/ul	0.00
57) Fluorene-d10	15.46	176	642811	19.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	134899	18.25	ng/ul	0.00
70) Anthracene-d10	17.32	188	1034329	19.22	ng/ul	0.00
76) Pyrene-d10	19.62	212	1180232	20.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	961259	19.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	28222	7.43	ng/uL#	73
4) Benzaldehyde	6.97	77	196190	19.54	ng/ul	88
6) Phenol	7.01	94	295201	18.53	ng/ul#	70
8) Bis(2-Chloroethyl)ether	7.25	93	227522	19.02	ng/ul	84
10) 2-Chlorophenol	7.39	128	195233	19.45	ng/ul#	75
11) 2-Methylphenol	8.26	108	210084	18.32	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	389487	19.50	ng/ul#	93
14) Acetophenone	8.65	105	374360	18.94	ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.63	70	243166	19.81	ng/ul#	85
16) 4-Methylphenol	8.59	108	243189	19.17	ng/ul	97
17) Hexachloroethane	8.89	117	93458	20.05	ng/ul	94
20) Nitrobenzene	9.03	77	334192	19.51	ng/ul#	88
21) Isophorone	9.55	82	586261	19.33	ng/ul	96
23) 2-Nitrophenol	9.74	139	118774	19.65	ng/ul#	55
24) 2,4-Dimethylphenol	9.79	107	284359	18.92	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.03	93	338680	19.26	ng/ul	97
27) 2,4-Dichlorophenol	10.26	162	210814	19.27	ng/ul#	90
28) Naphthalene	10.67	128	663201	19.21	ng/ul	97
30) 4-Chloroaniline	10.79	127	273011	20.44	ng/ul	92
31) Hexachlorobutadiene	10.93	225	147515	19.31	ng/ul	98
32) Caprolactam	11.57	113	71107m	17.21	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	270605	19.85	ng/ul#	96
34) 2-Methylnaphthalene	12.28	142	511521	19.27	ng/ul	100

S.J 05/04/17

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	296263	20.44 ng/ul	96
37) Hexachlorocyclopentadiene	12.62	237	138729	17.92 ng/ul	96
38) 2,4,6-Trichlorophenol	12.89	196	194714	19.78 ng/ul	94
39) 2,4,5-Trichlorophenol	12.97	196	203819	20.08 ng/ul	92
40) 1,1'-Biphenyl	13.30	154	693771	19.74 ng/ul	94
41) 2-Chloronaphthalene	13.34	162	535592	19.81 ng/ul	96
42) 2-Nitroaniline	13.56	65	236079	20.50 ng/ul#	77
44) Dimethylphthalate	13.93	163	700607	19.05 ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	143840	19.48 ng/ul#	74
47) Acenaphthylene	14.19	152	862855	19.51 ng/ul	99
48) 3-Nitroaniline	14.39	138	138710	19.02 ng/ul#	74
49) Acenaphthene	14.53	153	584291	19.43 ng/ul	97
50) 2,4-Dinitrophenol	14.60	184	85344	17.32 ng/ul#	81
52) 4-Nitrophenol	14.69	109	152679	18.57 ng/ul#	58
53) Dibenzofuran	14.87	168	855722	19.43 ng/ul	93
54) 2,4-Dinitrotoluene	14.84	165	213042	19.14 ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.09	232	199296	20.25 ng/ul#	96
56) Diethylphthalate	15.29	149	746413	18.61 ng/ul	98
58) Fluorene	15.52	166	745518	19.83 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.51	204	377451	19.38 ng/ul	94
60) 4-Nitroaniline	15.56	138	133236	15.65 ng/ul#	37
63) 4,6-Dinitro-2-methylphenol	15.61	198	138671	18.18 ng/ul#	86
64) N-Nitrosodiphenylamine	15.73	169	618988	19.25 ng/ul	100
65) 4-Bromophenyl-phenylether	16.41	248	234368	19.58 ng/ul#	85
66) Hexachlorobenzene	16.52	284	253421	19.35 ng/ul	93
67) Atrazine	16.68	200	236648	18.34 ng/ul	98
68) Pentachlorophenol	16.87	266	144724	17.93 ng/ul	89
69) Phenanthrene	17.26	178	1174051	19.49 ng/ul	98
71) Anthracene	17.35	178	1214755	19.28 ng/ul	97
72) Carbazole	17.63	167	1046300	18.45 ng/ul	99
73) Di-n-butylphthalate	18.17	149	1324616	19.17 ng/ul#	97
74) Fluoranthene	19.28	202	1417877	18.67 ng/ul#	93
77) Pyrene	19.64	202	1516049	20.76 ng/ul#	92
78) Butylbenzylphthalate	20.53	149	620127	20.48 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.32	252	462244	19.33 ng/ul	97
80) Benzo(a)anthracene	21.39	228	1513551	19.74 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	897808	19.57 ng/ul#	98
82) Chrysene	21.44	228	1342421	19.45 ng/ul	99
84) Di-n-octyl phthalate	22.19	149	1524398	20.69 ng/ul#	94
85) Benzo(b)fluoranthene	23.01	252	1322411	20.19 ng/ul#	98
86) Benzo(k)fluoranthene	23.06	252	1273042	21.23 ng/ul#	97
88) Benzo(a)pyrene	23.61	252	1193519	19.59 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	1097352	16.64 ng/ul#	89
90) Dibenzo(a,h)anthracene	26.07	278	948719	16.89 ng/ul#	95
91) Benzo(g,h,i)perylene	26.79	276	878072	16.56 ng/ul#	93

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

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