Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043017\

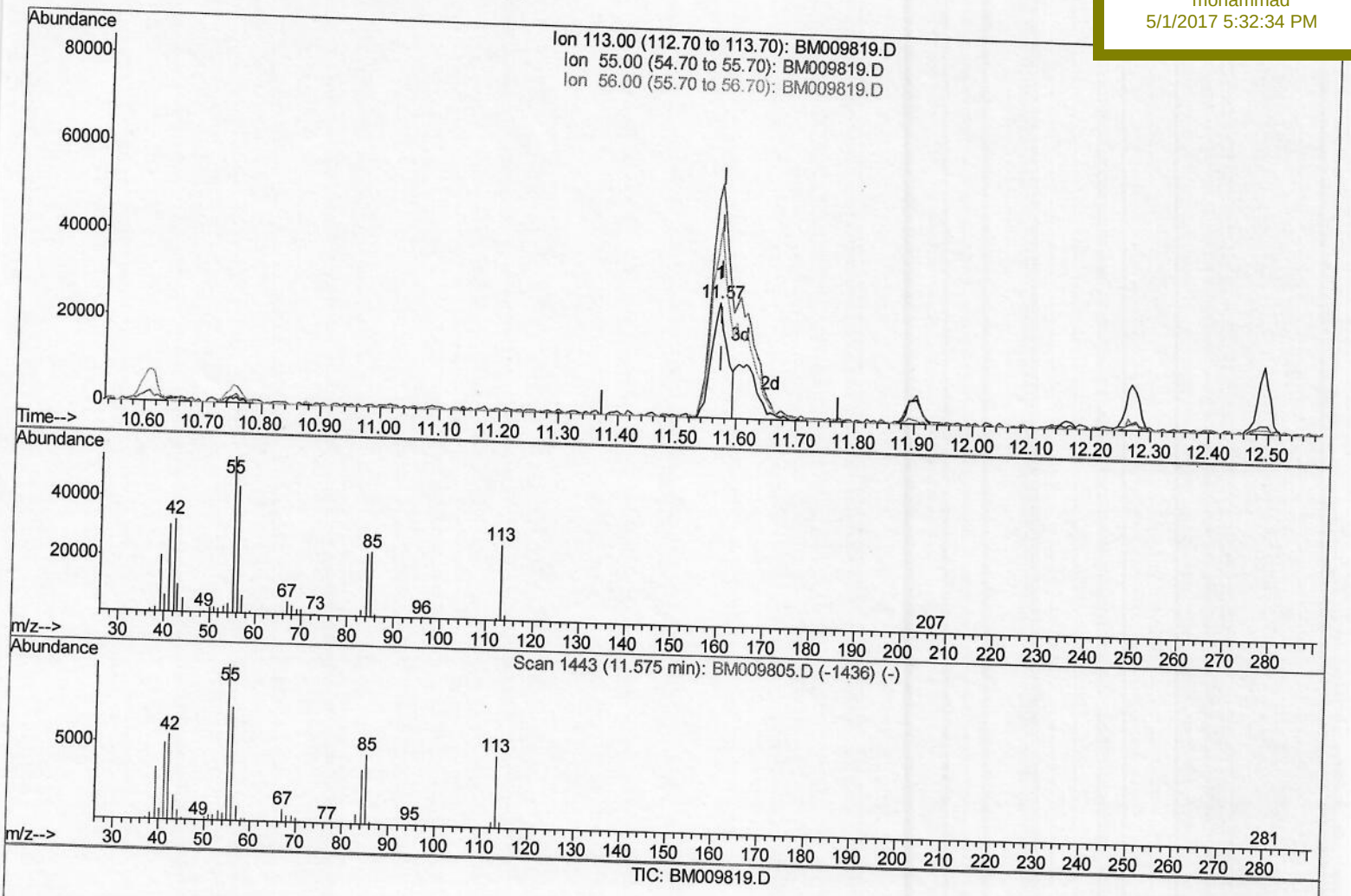
Data File : BM009819.D
Acq On : 30 Apr 2017 19:32
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quantitation Report (Qedit)

Quant Time: May 01 02:25:52 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 01:17:29 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02040

Manual Integrations APPROVED
mohammad
5/1/2017 5:32:34 PM



TIC: BM009819.D

(32) Caprolactam

11.569min (-0.006) 10.79ng/ul

response 48990

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	202.86
56.00	207.20	165.76
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043017\

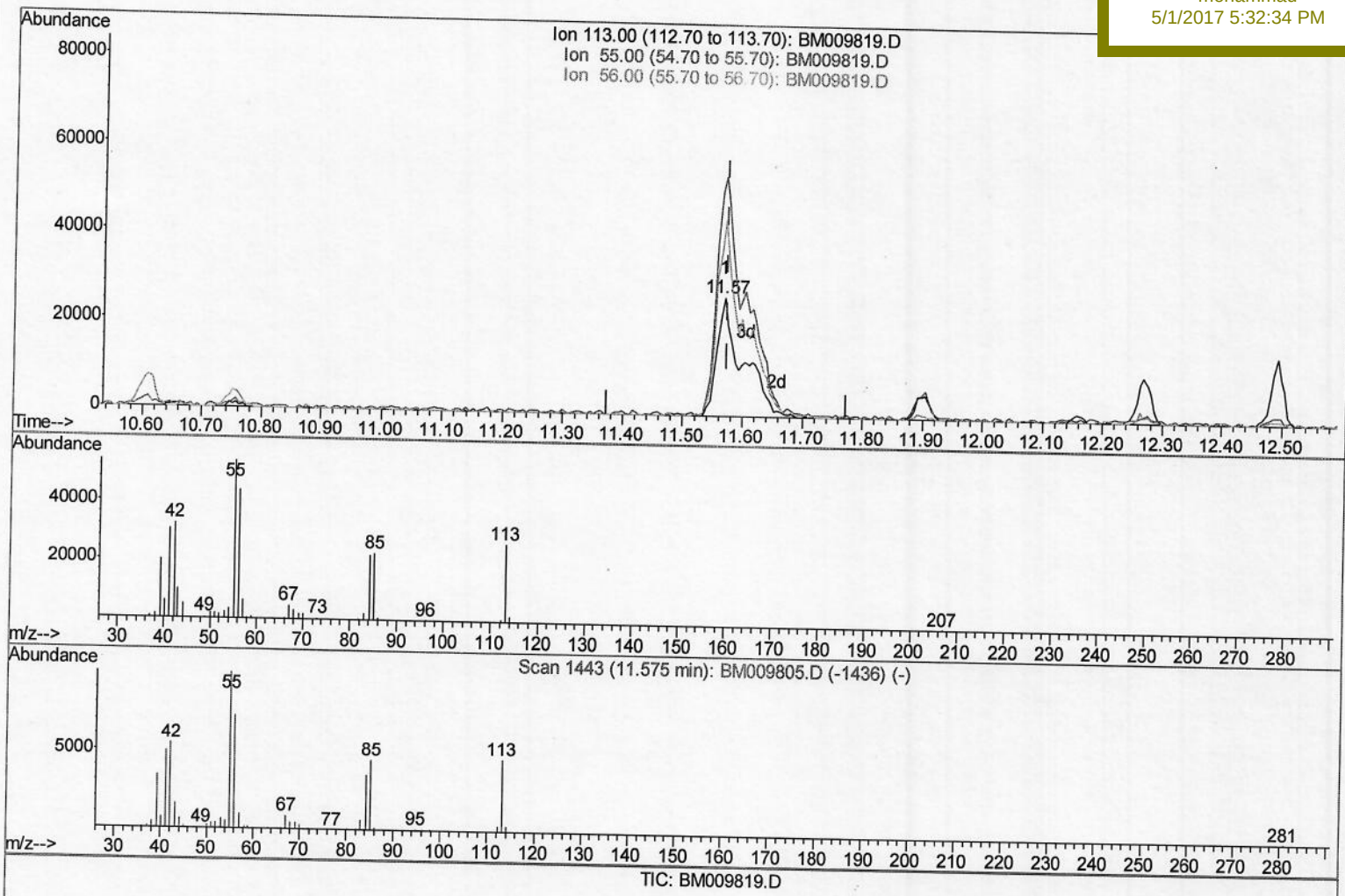
Quantitation Report (Qedit)

Data File : BM009819.D
Acq On : 30 Apr 2017 19:32
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 01 02:25:52 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 01:17:29 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02040

Manual Integrations APPROVED
mohammad
5/1/2017 5:32:34 PM



TIC: BM009819.D

(32) Caprolactam

11.569min (-0.006) 17.79ng/ul m

response 80761

S.J 05/04/17

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	202.86
56.00	207.20	165.76
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043017\

Quantitation Report (QT Reviewed)

Data File : BM009819.D
Acq On : 30 Apr 2017 19:32
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 01 02:27:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 01:17:29 2017
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02040

Manual Integrations APPROVED
mohammad
5/1/2017 5:32:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	161936	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	712201	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	449759	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1041418	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1043419	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	752974	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	26250	7.46	ng/uL	0.00
5) Phenol-d5	6.98	99	338062	19.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	231991	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	228096	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	262522	19.14	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	118966	20.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	128531	21.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	247242	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	307143	20.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	759860	19.42	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	940827	19.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	131900	17.47	ng/ul	0.00
57) Fluorene-d10	15.46	176	668705	18.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	124631	16.96	ng/ul	0.00
70) Anthracene-d10	17.31	188	1045571	19.55	ng/ul	0.00
76) Pyrene-d10	19.60	212	1093025	23.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	734866	20.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	32329	7.46	ng/uL#	69
4) Benzaldehyde	6.96	77	232158	20.26	ng/ul#	82
6) Phenol	7.01	94	347797	19.13	ng/ul#	64
8) Bis(2-Chloroethyl)ether	7.24	93	260821	19.10	ng/ul#	82
10) 2-Chlorophenol	7.38	128	229932	20.07	ng/ul#	77
11) 2-Methylphenol	8.26	108	251130	19.19	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.34	45	434265	19.04	ng/ul	96
14) Acetophenone	8.64	105	412895	18.30	ng/ul#	76
15) N-Nitroso-di-n-propylamine	8.62	70	261738	18.68	ng/ul#	82
16) 4-Methylphenol	8.59	108	269558	18.61	ng/ul	94
17) Hexachloroethane	8.88	117	105561	19.84	ng/ul	88
20) Nitrobenzene	9.02	77	365309	19.40	ng/ul#	88
21) Isophorone	9.54	82	635445	19.07	ng/ul#	95
23) 2-Nitrophenol	9.73	139	137164	20.65	ng/ul#	55
24) 2,4-Dimethylphenol	9.78	107	322740	19.54	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.02	93	376411	19.48	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	239817	19.95	ng/ul#	92
28) Naphthalene	10.66	128	737122	19.43	ng/ul	98
30) 4-Chloroaniline	10.77	127	302468	20.61	ng/ul	98
31) Hexachlorobutadiene	10.92	225	167249	19.92	ng/ul	99
32) Caprolactam	11.57	113	80761m	17.79	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	286229	19.11	ng/ul#	95
34) 2-Methylnaphthalene	12.27	142	549861	18.85	ng/ul	100

S.J
5/04/17

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043017\

Quantitation Report (QT Reviewed)

Data File : BM009819.D
Acq On : 30 Apr 2017 19:32
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 01 02:27:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 01:17:29 2017
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02040

Manual Integrations APPROVED
mohammad
5/1/2017 5:32:34 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	320668	21.02 ng/ul#	95
37) Hexachlorocyclopentadiene	12.60	237	197902	24.30 ng/ul	97
38) 2,4,6-Trichlorophenol	12.89	196	216293	20.88 ng/ul	96
39) 2,4,5-Trichlorophenol	12.96	196	220873	20.68 ng/ul	92
40) 1,1'-Biphenyl	13.29	154	728597	19.70 ng/ul	94
41) 2-Chloronaphthalene	13.33	162	575036	20.21 ng/ul	95
42) 2-Nitroaniline	13.55	65	238701	19.69 ng/ul#	78
44) Dimethylphthalate	13.92	163	735869	19.01 ng/ul#	98
45) 2,6-Dinitrotoluene	14.05	165	149079	19.18 ng/ul#	72
47) Acenaphthylene	14.18	152	911693	19.59 ng/ul	98
48) 3-Nitroaniline	14.38	138	147674	19.24 ng/ul#	78
49) Acenaphthene	14.52	153	602737	19.05 ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	105047	20.26 ng/ul#	78
52) 4-Nitrophenol	14.69	109	138039	15.96 ng/ul#	60
53) Dibenzofuran	14.86	168	879047	18.97 ng/ul	90
54) 2,4-Dinitrotoluene	14.84	165	222374	18.98 ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.09	232	200179	19.33 ng/ul	96
56) Diethylphthalate	15.28	149	776122	18.39 ng/ul	98
58) Fluorene	15.51	166	740124	18.71 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.50	204	386119	18.84 ng/ul	94
60) 4-Nitroaniline	15.55	138	146198	16.32 ng/ul#	33
63) 4,6-Dinitro-2-methylphenol	15.60	198	129566	17.09 ng/ul#	82
64) N-Nitrosodiphenylamine	15.72	169	620371	19.41 ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	235212	19.78 ng/ul	88
66) Hexachlorobenzene	16.51	284	259903	19.96 ng/ul	94
67) Atrazine	16.67	200	243480	18.99 ng/ul	97
68) Pentachlorophenol	16.86	266	139953	17.45 ng/ul	93
69) Phenanthrene	17.25	178	1146664	19.15 ng/ul	98
71) Anthracene	17.35	178	1188266	18.97 ng/ul	97
72) Carbazole	17.62	167	1021260	18.12 ng/ul	99
73) Di-n-butylphthalate	18.16	149	1344250	19.58 ng/ul#	97
74) Fluoranthene	19.27	202	1342558	17.79 ng/ul#	90
77) Pyrene	19.63	202	1395927	23.69 ng/ul#	90
78) Butylbenzylphthalate	20.52	149	597954	24.47 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.31	252	347926	18.03 ng/ul	99
80) Benzo(a)anthracene	21.38	228	1223821	19.78 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	836427	22.59 ng/ul	99
82) Chrysene	21.43	228	1068924	19.19 ng/ul	99
84) Di-n-octyl phthalate	22.18	149	1274258	23.16 ng/ul	94
85) Benzo(b)fluoranthene	23.00	252	1027342	21.01 ng/ul#	96
86) Benzo(k)fluoranthene	23.04	252	912134	20.37 ng/ul#	96
88) Benzo(a)pyrene	23.60	252	884664	19.45 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.05	276	993713	20.18 ng/ul#	87
90) Dibenzo(a,h)anthracene	26.06	278	850051	20.26 ng/ul#	94
91) Benzo(g,h,i)perylene	26.77	276	823841	20.81 ng/ul#	91

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043017\

Data File : BM009819.D
Acq On : 30 Apr 2017 19:32
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quantitation Report (QT Reviewed)

Quant Time: May 01 02:27:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 01:17:29 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02040

Manual Integrations APPROVED
mohammad
5/1/2017 5:32:34 PM