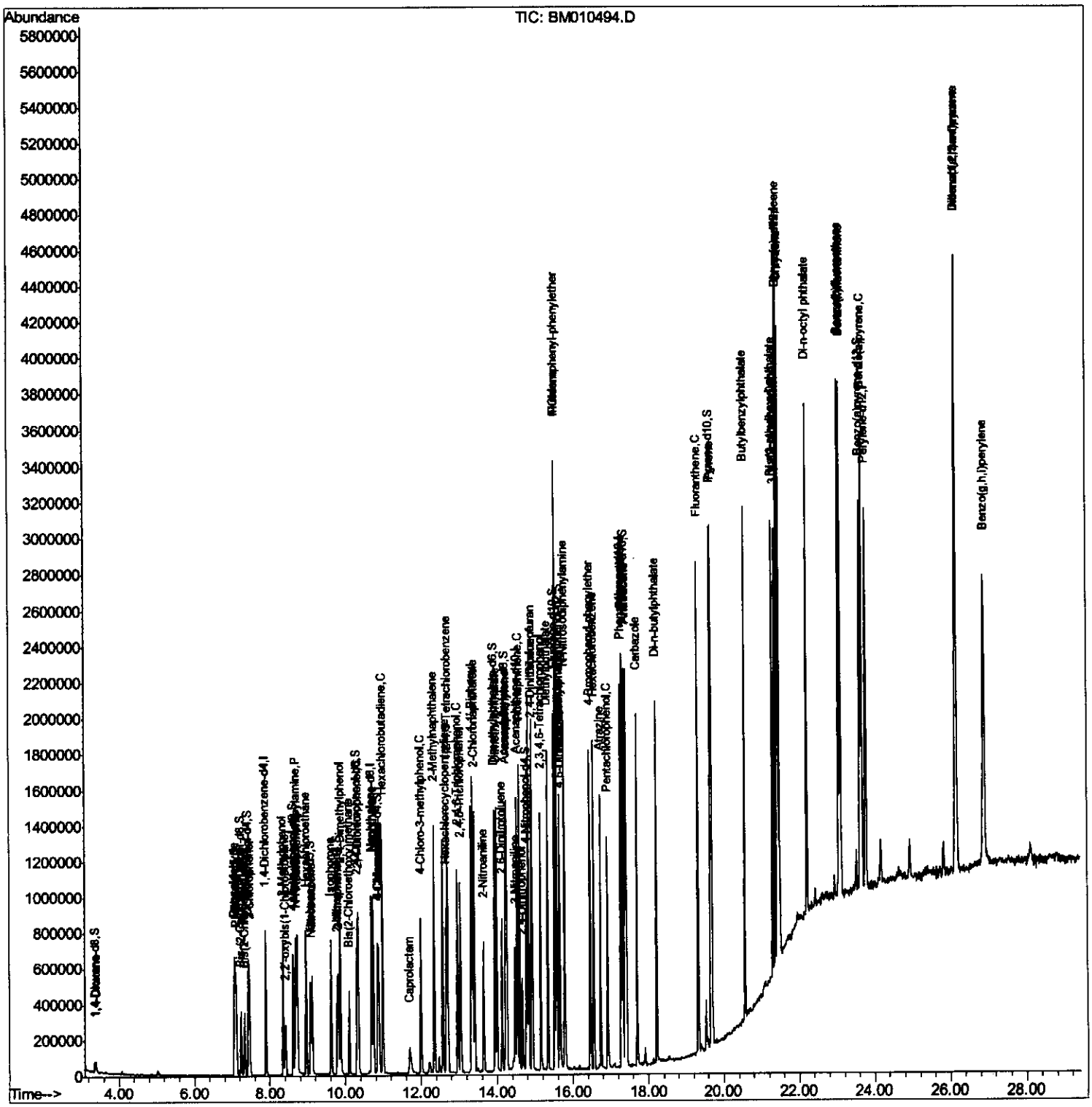
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010494.D
Acq On : 10 Jun 2017 20:22
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 12 07:01:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 04:15:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02023

Manual Integrations APPROVED
mohammad
6/12/2017 3:40:52 PM



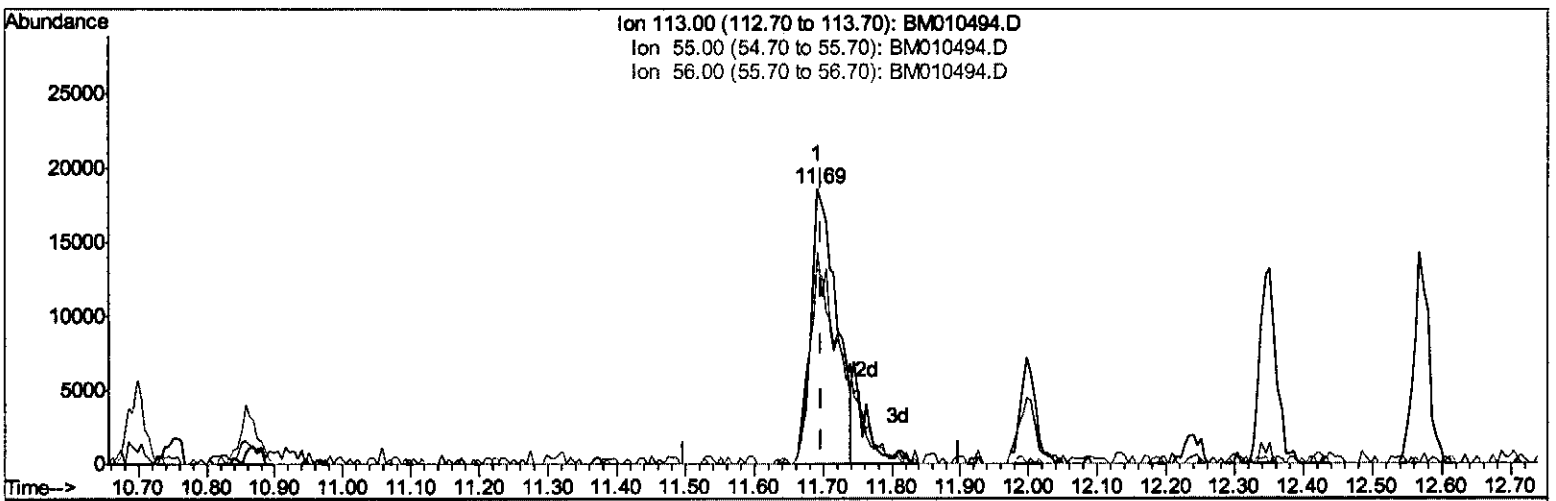
Quantitation Report (Qedit)

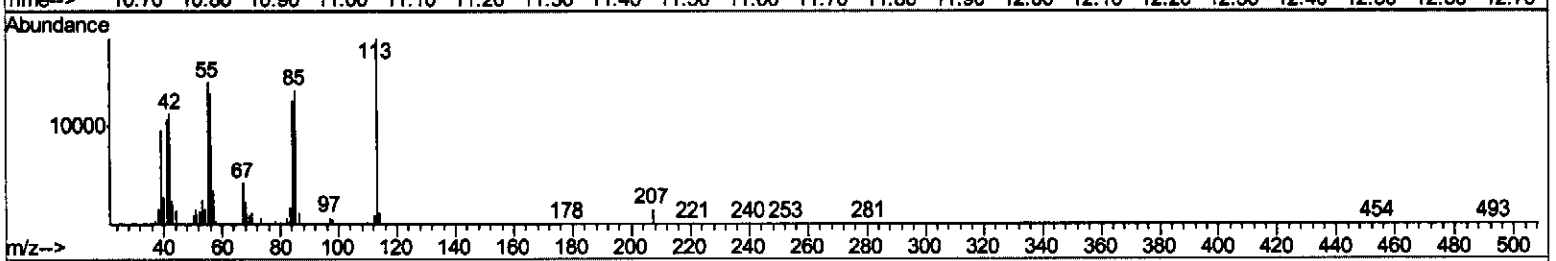
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010494.D
Acq On : 10 Jun 2017 20:22
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

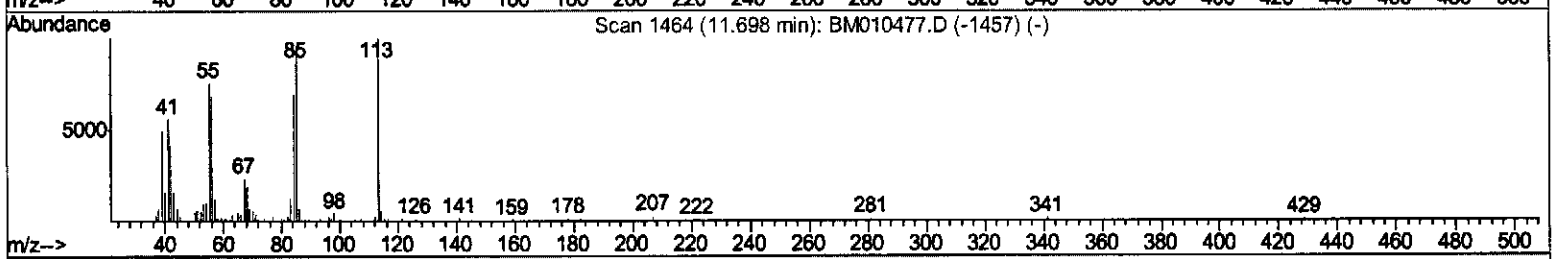
Quant Time: Jun 12 04:19:00 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 04:15:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02023

Manual Integrations APPROVED
mohammad
6/12/2017 3:40:52 PM







TIC: BM010494.D

(32) Caprolactam

11.692min (-0.006) 17.59ng/ul

response 48607

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	76.94#
56.00	107.50	70.90#
0.00	0.00	0.00

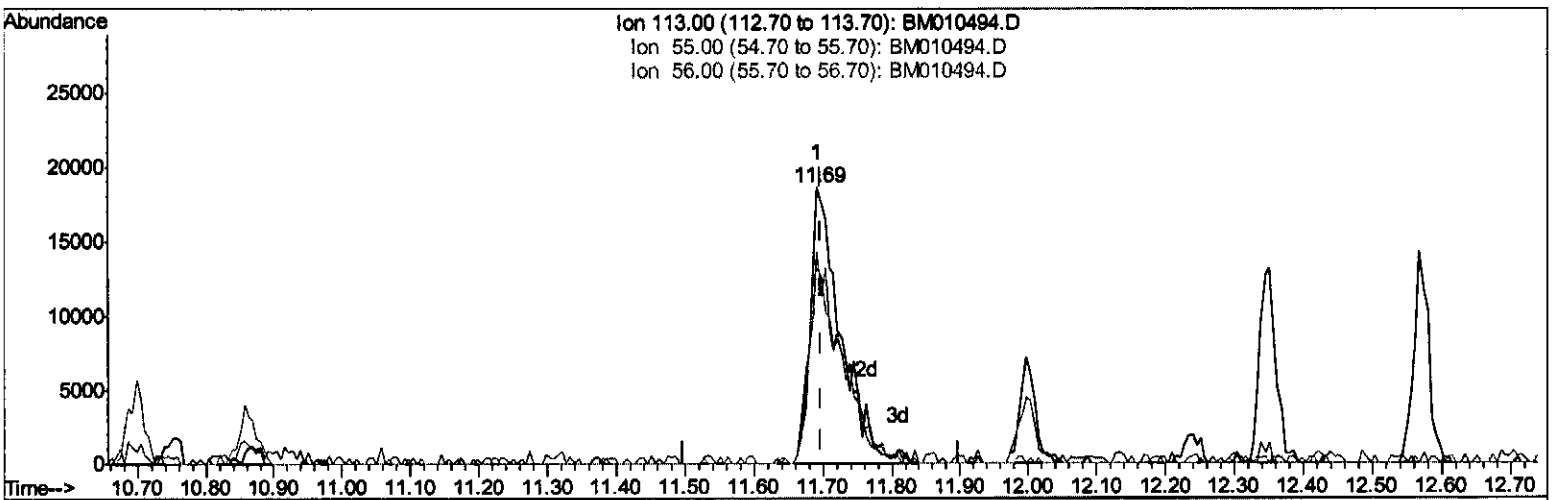
Quantitation Report (Qedit)

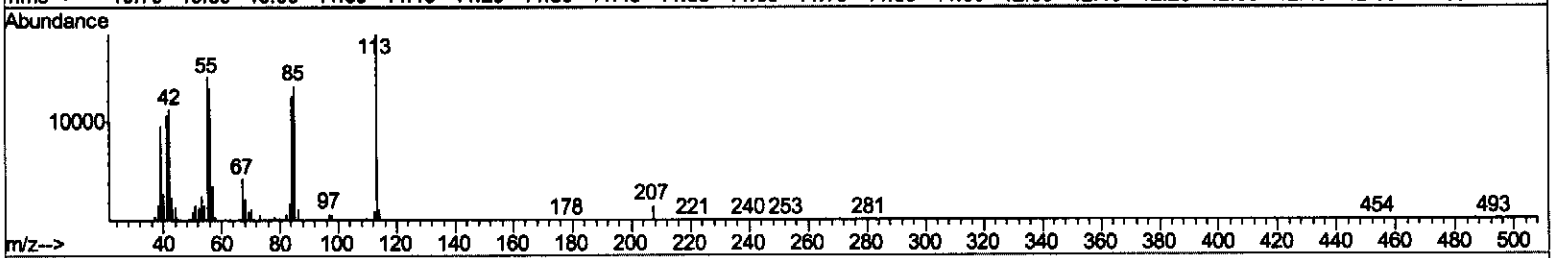
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010494.D
Acq On : 10 Jun 2017 20:22
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

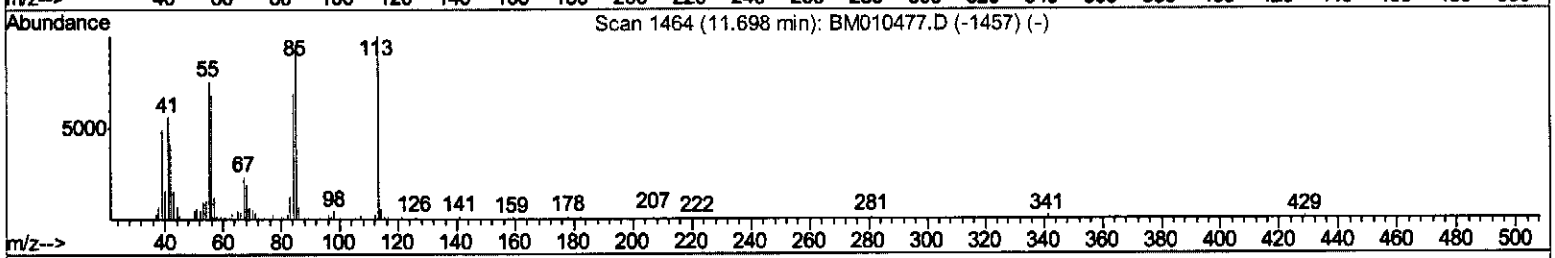
Quant Time: Jun 12 04:19:00 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 04:15:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02023

Manual Integrations APPROVED
mohammad
6/12/2017 3:40:52 PM







TIC: BM010494.D

(32) Caprolactam

11.692min (-0.006) 20.85ng/ul m SJ 06/19/17

response 57619

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	76.94#
56.00	107.50	70.90#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010494.D
Acq On : 10 Jun 2017 20:22
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 12 07:01:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 04:15:09 2017
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02023

Manual Integrations APPROVED
mohammad
6/12/2017 3:40:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	175746	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	646543	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	449756	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	1148456	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1628216	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1610582	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	32671	7.63	ng/uL	0.00
5) Phenol-d5	7.08	99	239620	17.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	133513	17.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	213178	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	202790	18.87	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	101593	21.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	122032	22.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	268639	23.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	260200	23.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	806095	21.57	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	919018	21.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	109399	19.57	ng/ul	0.00
57) Fluorene-d10	15.52	176	728408	22.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	161270	19.82	ng/ul	0.00
70) Anthracene-d10	17.38	188	1153150	20.64	ng/ul	0.00
76) Pyrene-d10	19.67	212	1399391	20.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1589865	21.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	33819	7.407	ng/uL#	34
4) Benzaldehyde	7.06	77	196097	21.896	ng/ul	92
6) Phenol	7.11	94	247117	18.099	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.33	93	169408	17.879	ng/ul#	86
10) 2-Chlorophenol	7.46	128	210922	19.800	ng/ul	95
11) 2-Methylphenol	8.35	108	188139	18.878	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.42	45	63531	14.868	ng/ul#	42
14) Acetophenone	8.73	105	335584	19.139	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.70	70	184386	21.038	ng/ul#	85
16) 4-Methylphenol	8.68	108	205340	18.784	ng/ul	95
17) Hexachloroethane	8.96	117	104137	21.527	ng/ul	95
20) Nitrobenzene	9.12	77	293918	21.732	ng/ul	92
21) Isophorone	9.63	82	442318	21.251	ng/ul#	94
23) 2-Nitrophenol	9.82	139	124127	21.338	ng/ul#	92
24) 2,4-Dimethylphenol	9.87	107	284278	21.021	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.11	93	233638	19.974	ng/ul	94
27) 2,4-Dichlorophenol	10.35	162	256753	23.252	ng/ul	93
28) Naphthalene	10.75	128	655622	20.217	ng/ul	99
30) 4-Chloroaniline	10.89	127	248501	23.679	ng/ul	92
31) Hexachlorobutadiene	10.99	225	248744	24.590	ng/ul	95
32) Caprolactam	11.69	113	57619m	20.852	ng/ul	
33) 4-Chloro-3-methylphenol	12.00	107	240811	22.657	ng/ul	95
34) 2-Methylnaphthalene	12.35	142	539605	21.947	ng/ul	94

SJ 06/19/17

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010494.D
Acq On : 10 Jun 2017 20:22
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02023

Manual Integrations APPROVED
mohammad
6/12/2017 3:40:52 PM

Quant Time: Jun 12 07:01:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 04:15:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	408280	21.823 ng/ul#	94
37) Hexachlorocyclopentadiene	12.67	237	231869	18.482 ng/ul#	95
38) 2,4,6-Trichlorophenol	12.96	196	240177	22.584 ng/ul	94
39) 2,4,5-Trichlorophenol	13.04	196	245514	22.888 ng/ul	99
40) 1,1'-Biphenyl	13.36	154	759421	20.814 ng/ul	99
41) 2-Chloronaphthalene	13.41	162	589598	20.570 ng/ul	95
42) 2-Nitroaniline	13.65	65	164987	22.600 ng/ul	98
44) Dimethylphthalate	13.99	163	785161	21.365 ng/ul	99
45) 2,6-Dinitrotoluene	14.13	165	151259	22.456 ng/ul#	74
47) Acenaphthylene	14.26	152	879918	20.656 ng/ul	99
48) 3-Nitroaniline	14.48	138	129832	20.006 ng/ul	85
49) Acenaphthene	14.60	153	602472	20.165 ng/ul	93
50) 2,4-Dinitrophenol	14.67	184	113205	22.238 ng/ul	93
52) 4-Nitrophenol	14.79	109	194302	25.359 ng/ul#	78
53) Dibenzofuran	14.93	168	936650	21.202 ng/ul	95
54) 2,4-Dinitrotoluene	14.92	165	216375	21.874 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.16	232	254904	24.736 ng/ul#	97
56) Diethylphthalate	15.34	149	791704	22.273 ng/ul	95
58) Fluorene	15.58	166	790996	21.828 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.57	204	470239	22.705 ng/ul	97
60) 4-Nitroaniline	15.65	138	123834	18.224 ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	15.67	198	165785	19.233 ng/ul	93
64) N-Nitrosodiphenylamine	15.79	169	665123	19.868 ng/ul	97
65) 4-Bromophenyl-phenylether	16.46	248	296264	20.966 ng/ul#	92
66) Hexachlorobenzene	16.56	284	287423	19.423 ng/ul#	85
67) Atrazine	16.74	200	308000	21.167 ng/ul	95
68) Pentachlorophenol	16.92	266	193066	20.496 ng/ul	96
69) Phenanthrene	17.32	178	1239846	20.222 ng/ul	99
71) Anthracene	17.42	178	1302539	20.350 ng/ul	97
72) Carbazole	17.70	167	1038002	19.160 ng/ul	99
73) Di-n-butylphthalate	18.22	149	1264559	20.677 ng/ul#	97
74) Fluoranthene	19.33	202	1644181	21.808 ng/ul#	96
77) Pyrene	19.70	202	1729224	20.610 ng/ul#	94
78) Butylbenzylphthalate	20.57	149	609078	21.005 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.37	252	599892	18.770 ng/ul	98
80) Benzo(a)anthracene	21.43	228	1918404	20.894 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.32	149	899104	20.839 ng/ul	100
82) Chrysene	21.49	228	1714667	20.659 ng/ul	98
84) Di-n-octyl phthalate	22.21	149	1621907	21.880 ng/ul#	95
85) Benzo(b)fluoranthene	23.07	252	1997262	21.312 ng/ul	99
86) Benzo(k)fluoranthene	23.11	252	1929400	21.551 ng/ul	99
88) Benzo(a)pyrene	23.68	252	1928212	20.757 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.17	276	2481654	21.145 ng/ul	97
90) Dibenzo(a,h)anthracene	26.17	278	2124908	21.022 ng/ul	97
91) Benzo(g,h,i)perylene	26.91	276	2058809	21.293 ng/ul	99

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