Data Path : Z:\HPCHEM1\BNA_M\Data\BM050417\

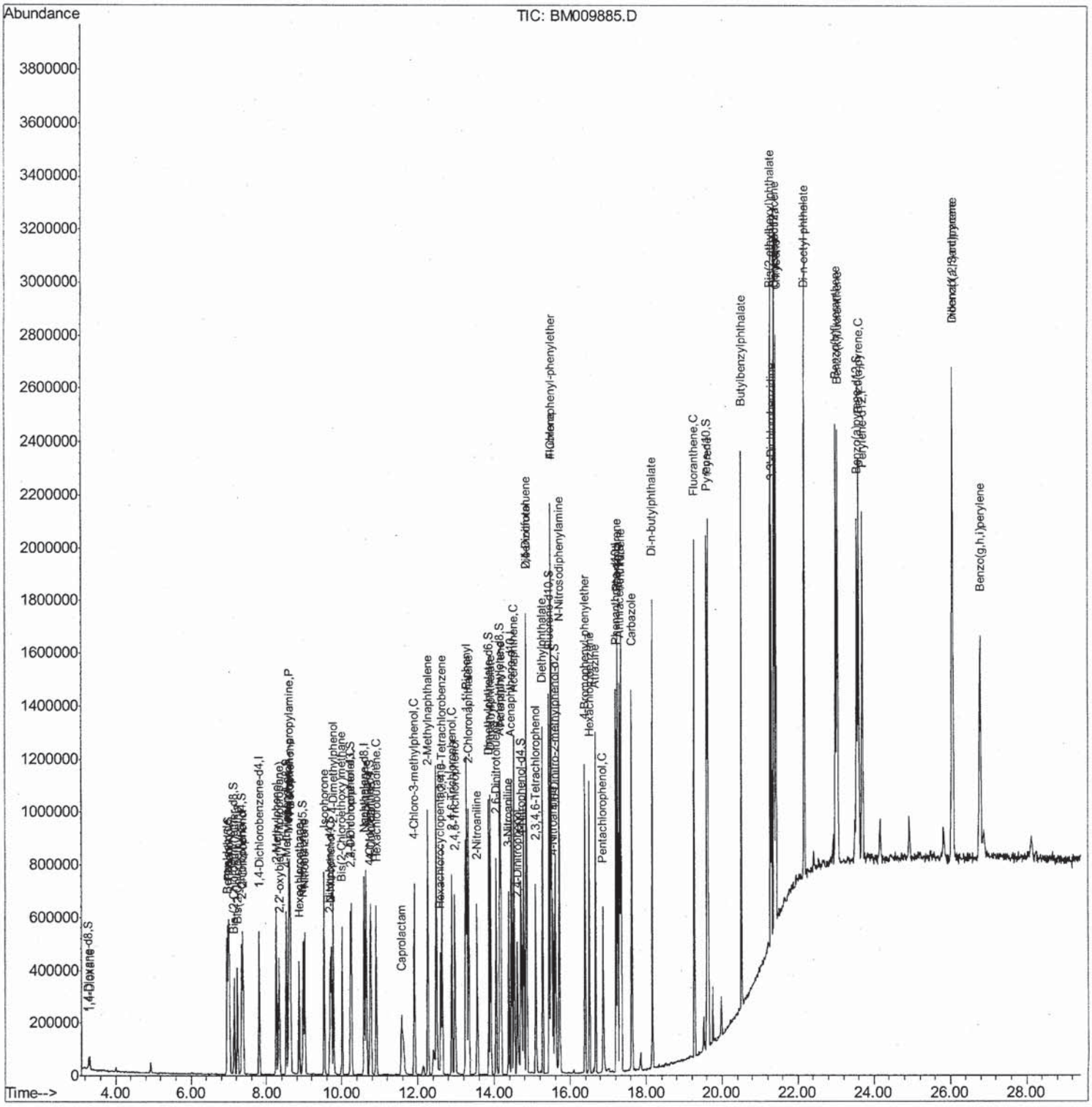
Quantitation Report (QT Reviewed)

Data File : BM009885.D
Acq On : 04 May 2017 12:33
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 05 01:32:09 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 02:03:11 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02048

Manual Integrations APPROVED
mohammad
5/5/2017 3:09:30 PM



Data Path : Z:\HPCHEM1\BNA_M\Data\BM050417\

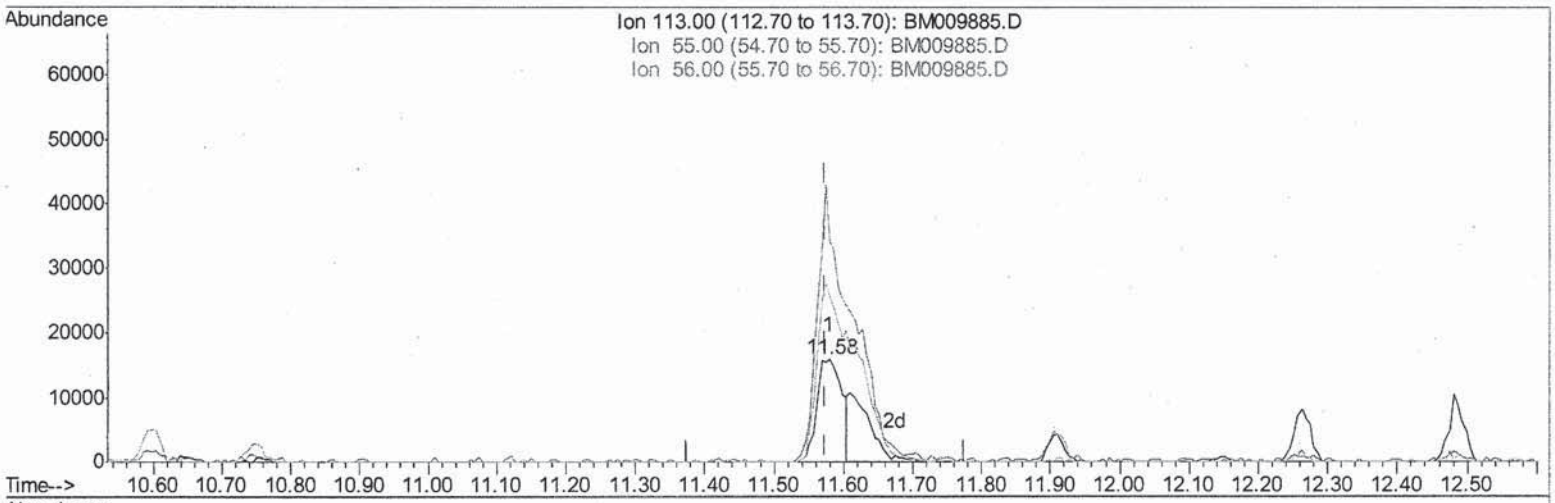
Quantitation Report (Qedit)

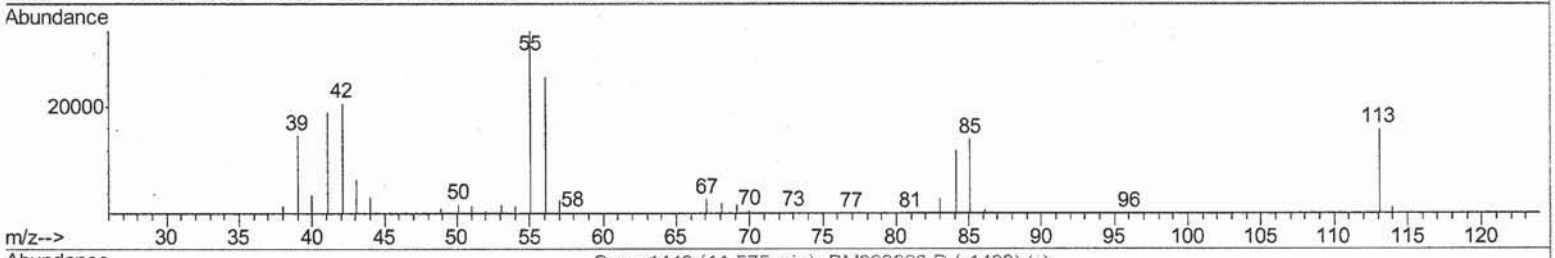
Data File : BM009885.D
Acq On : 04 May 2017 12:33
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

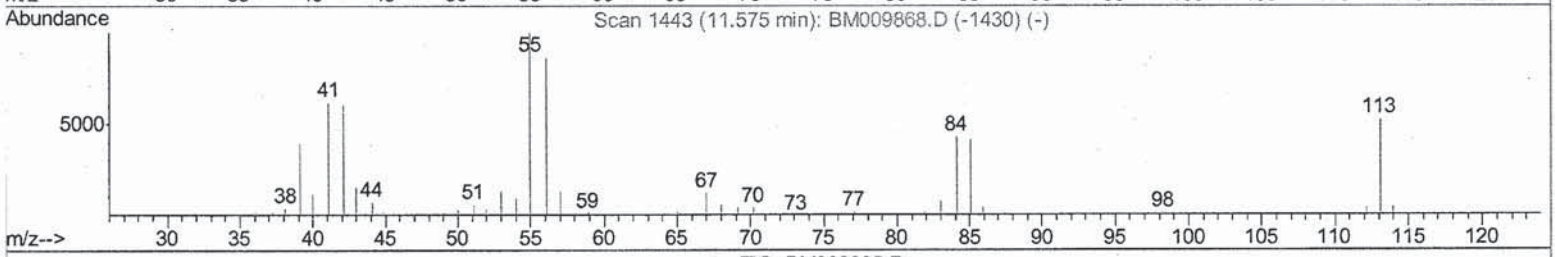
Quant Time: May 05 01:30:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 02:03:11 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02048

Manual Integrations APPROVED
mohammad
5/5/2017 3:09:30 PM







TIC: BM009885.D

(32) Caprolactam

11.581min (+0.006) 12.22ng/ul

response 39984

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	214.55
56.00	207.20	160.81#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050417\

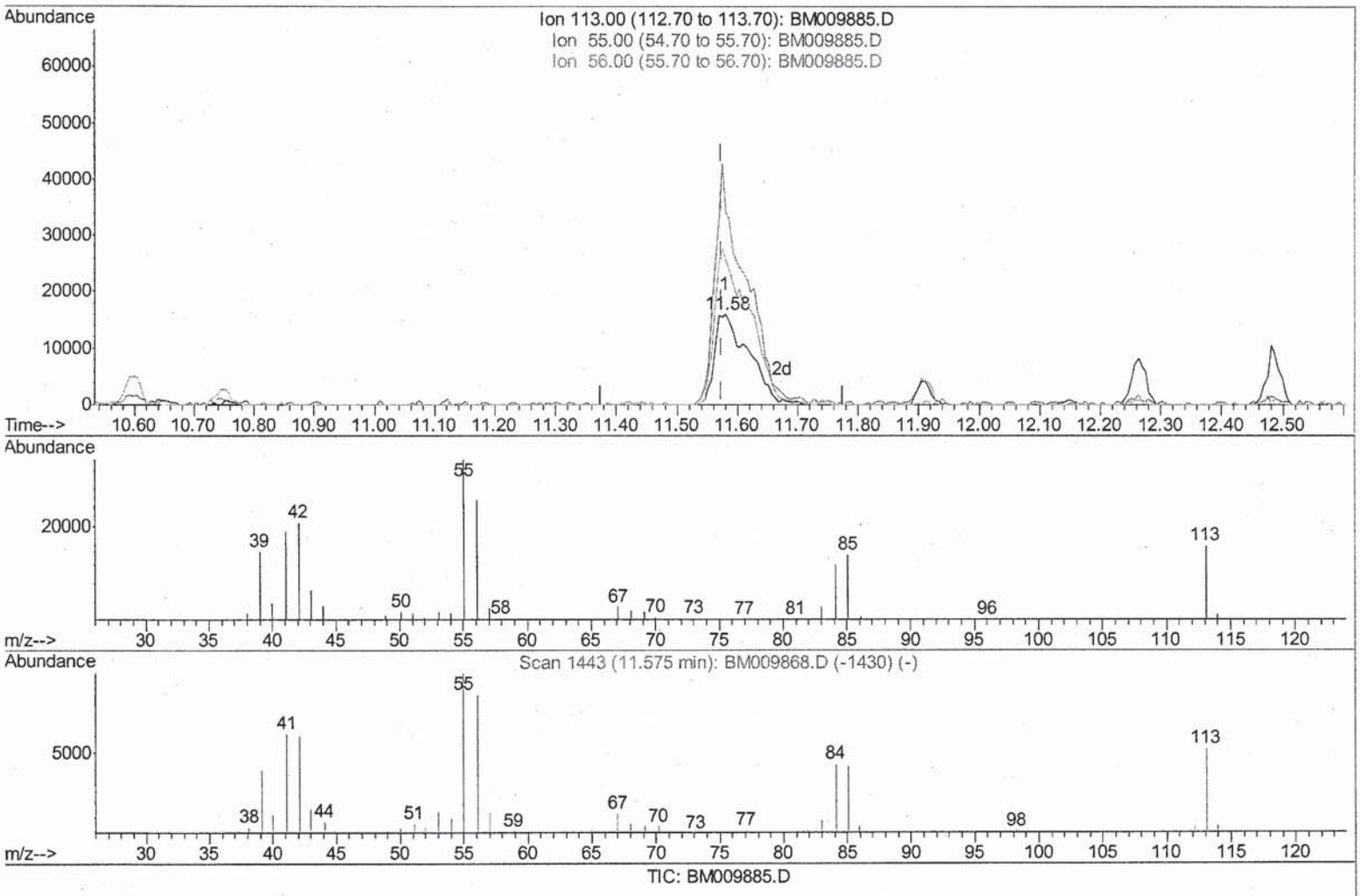
Quantitation Report (Qedit)

Data File : BM009885.D
Acq On : 04 May 2017 12:33
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 05 01:30:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 02:03:11 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02048

Manual Integrations APPROVED
mohammad
5/5/2017 3:09:30 PM



TIC: BM009885.D

(32) Caprolactam

11.581min (+0.006) 19.30ng/ul m SJ 5/6/17

response 63138

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	214.55
56.00	207.20	160.81#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050417\

Quantitation Report (QT Reviewed)

Data File : BM009885.D
Acq On : 04 May 2017 12:33
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 05 01:32:09 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 02:03:11 2017
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02048

Manual Integrations APPROVED
mohammad
5/5/2017 3:09:30 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	115203	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	513301	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	325888	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	779795	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	948174	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	910311	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	18841	7.53	ng/uL	0.00
5) Phenol-d5	6.99	99	237193	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	169316	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	157961	19.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	182907	18.75	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	78373	18.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	95030	21.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	170036	19.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	217128	20.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	567825	20.03	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	678674	19.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	76545	13.99	ng/ul	0.00
57) Fluorene-d10	15.45	176	487979	19.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	91997	16.72	ng/ul	0.00
70) Anthracene-d10	17.31	188	771065	19.26	ng/ul	0.00
76) Pyrene-d10	19.60	212	876647	20.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	868188	19.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	20856	6.76	ng/uL#	78
4) Benzaldehyde	6.96	77	181653	22.28	ng/ul	89
6) Phenol	7.02	94	245875	19.01	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.23	93	182711	18.81	ng/ul	85
10) 2-Chlorophenol	7.37	128	164092	20.13	ng/ul#	81
11) 2-Methylphenol	8.26	108	176663	18.97	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.33	45	323756	19.96	ng/ul	97
14) Acetophenone	8.63	105	307288	19.15	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.61	70	205002	20.57	ng/ul#	88
16) 4-Methylphenol	8.59	108	193500	18.78	ng/ul	92
17) Hexachloroethane	8.87	117	77610	20.50	ng/ul	88
20) Nitrobenzene	9.02	77	273175	20.13	ng/ul#	89
21) Isophorone	9.53	82	489701	20.39	ng/ul#	96
23) 2-Nitrophenol	9.72	139	100866	21.07	ng/ul#	53
24) 2,4-Dimethylphenol	9.78	107	233170	19.59	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.01	93	277486	19.93	ng/ul	95
27) 2,4-Dichlorophenol	10.26	162	171100	19.75	ng/ul	92
28) Naphthalene	10.65	128	525262	19.21	ng/ul	98
30) 4-Chloroaniline	10.77	127	213283	20.16	ng/ul	98
31) Hexachlorobutadiene	10.91	225	118782	19.63	ng/ul	98
32) Caprolactam	11.58	113	63138m>	19.30	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	213702	19.80	ng/ul	96
34) 2-Methylnaphthalene	12.26	142	396552	18.86	ng/ul	96

SJ 5/6/17

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050417\

Quantitation Report (QT Reviewed)

Data File : BM009885.D
Acq On : 04 May 2017 12:33
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 05 01:32:09 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 02:03:11 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02048

Manual Integrations APPROVED
mohammad
5/5/2017 3:09:30 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	224521	20.32 ng/ul	97
37) Hexachlorocyclopentadiene	12.59	237	104368	17.68 ng/ul	98
38) 2,4,6-Trichlorophenol	12.89	196	147035	19.59 ng/ul	90
39) 2,4,5-Trichlorophenol	12.97	196	154900	20.02 ng/ul	95
40) 1,1'-Biphenyl	13.28	154	531233	19.82 ng/ul	94
41) 2-Chloronaphthalene	13.33	162	414444	20.11 ng/ul	93
42) 2-Nitroaniline	13.55	65	188787	21.50 ng/ul#	82
44) Dimethylphthalate	13.91	163	550280	19.62 ng/ul	96
45) 2,6-Dinitrotoluene	14.05	165	116294	20.65 ng/ul#	79
47) Acenaphthylene	14.17	152	651407	19.32 ng/ul	98
48) 3-Nitroaniline	14.38	138	112044	20.15 ng/ul#	79
49) Acenaphthene	14.52	153	442943	19.32 ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	80046	21.31 ng/ul	85
52) 4-Nitrophenol	14.71	109	94991	15.15 ng/ul#	61
53) Dibenzofuran	14.85	168	651225	19.39 ng/ul	92
54) 2,4-Dinitrotoluene	14.85	165	171441	20.20 ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	15.09	232	122025	16.26 ng/ul#	93
56) Diethylphthalate	15.27	149	586462	19.18 ng/ul	98
58) Fluorene	15.50	166	541056	18.88 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.49	204	281735	18.97 ng/ul	96
60) 4-Nitroaniline	15.55	138	108773	16.76 ng/ul#	40
63) 4,6-Dinitro-2-methylphenol	15.61	198	96118	16.94 ng/ul	92
64) N-Nitrosodiphenylamine	15.72	169	465976	19.47 ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	180875	20.31 ng/ul#	86
66) Hexachlorobenzene	16.51	284	194143	19.92 ng/ul	93
67) Atrazine	16.67	200	183909	19.16 ng/ul	97
68) Pentachlorophenol	16.86	266	94550	15.74 ng/ul	90
69) Phenanthrene	17.25	178	849772	18.96 ng/ul	97
71) Anthracene	17.34	178	887457	18.92 ng/ul	98
72) Carbazole	17.62	167	775044	18.37 ng/ul	99
73) Di-n-butylphthalate	18.16	149	1032838	20.09 ng/ul	99
74) Fluoranthene	19.27	202	1048090	18.54 ng/ul#	93
77) Pyrene	19.63	202	1089742	20.35 ng/ul#	89
78) Butylbenzylphthalate	20.52	149	506493	22.81 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.31	252	372404	21.24 ng/ul	99
80) Benzo(a)anthracene	21.37	228	1114202	19.82 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	738600	21.95 ng/ul#	99
82) Chrysene	21.43	228	974874	19.26 ng/ul	99
84) Di-n-octyl phthalate	22.17	149	1274112	19.16 ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	1138626	19.26 ng/ul#	97
86) Benzo(k)fluoranthene	23.05	252	1055318	19.49 ng/ul#	96
88) Benzo(a)pyrene	23.60	252	1074518	19.54 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.06	276	1268703	21.31 ng/ul#	90
90) Dibenzo(a,h)anthracene	26.07	278	1080363	21.30 ng/ul#	97
91) Benzo(g,h,i)perylene	26.79	276	1023432	21.38 ng/ul#	93

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