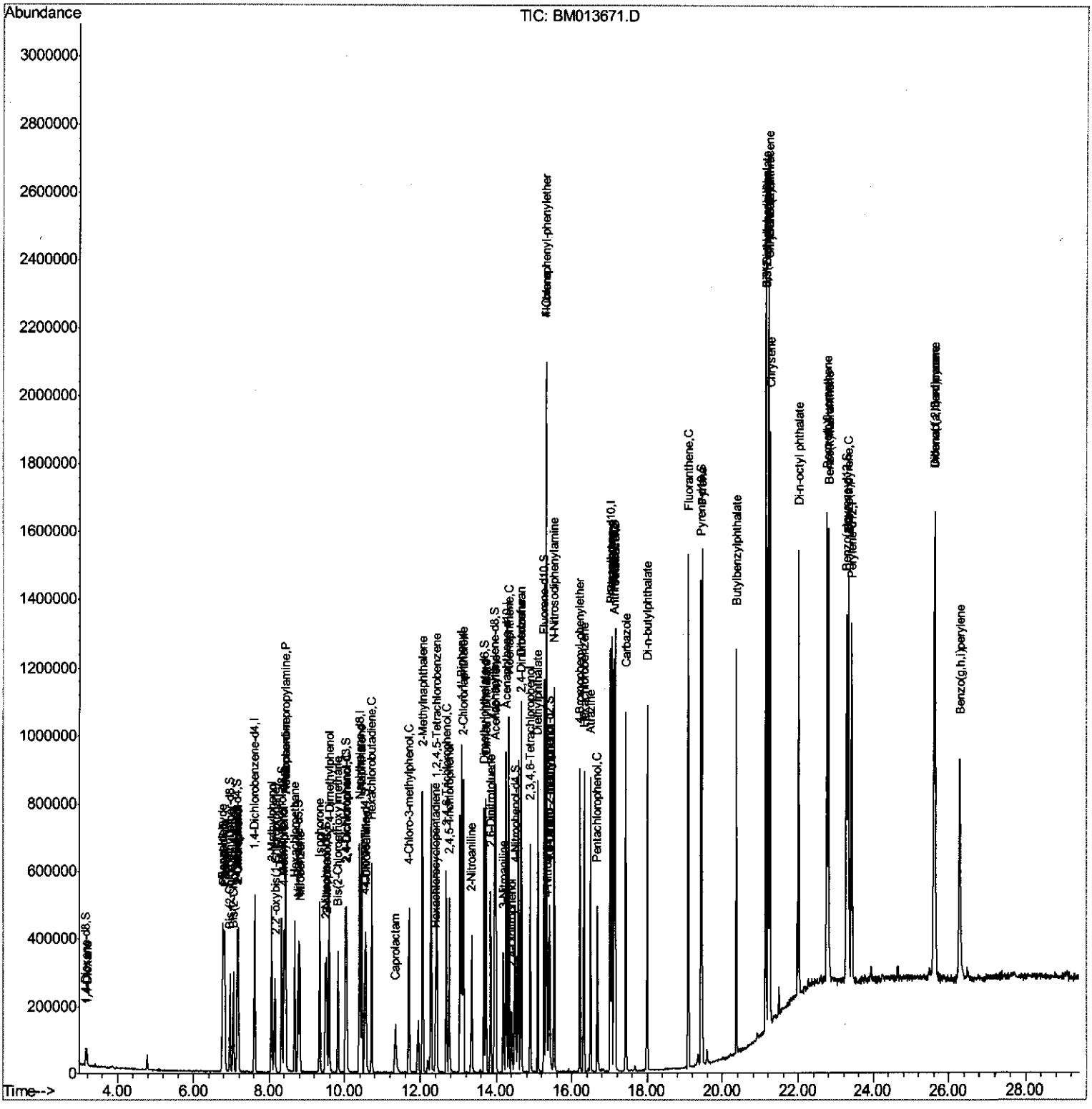
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012018\
Data File : BM013671.D
Acq On : 20 Jan 2018 08:44
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 22 00:38:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 20 00:06:08 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02029

Manual Integrations APPROVED
Sohil
1/22/2018 2:39:58 PM

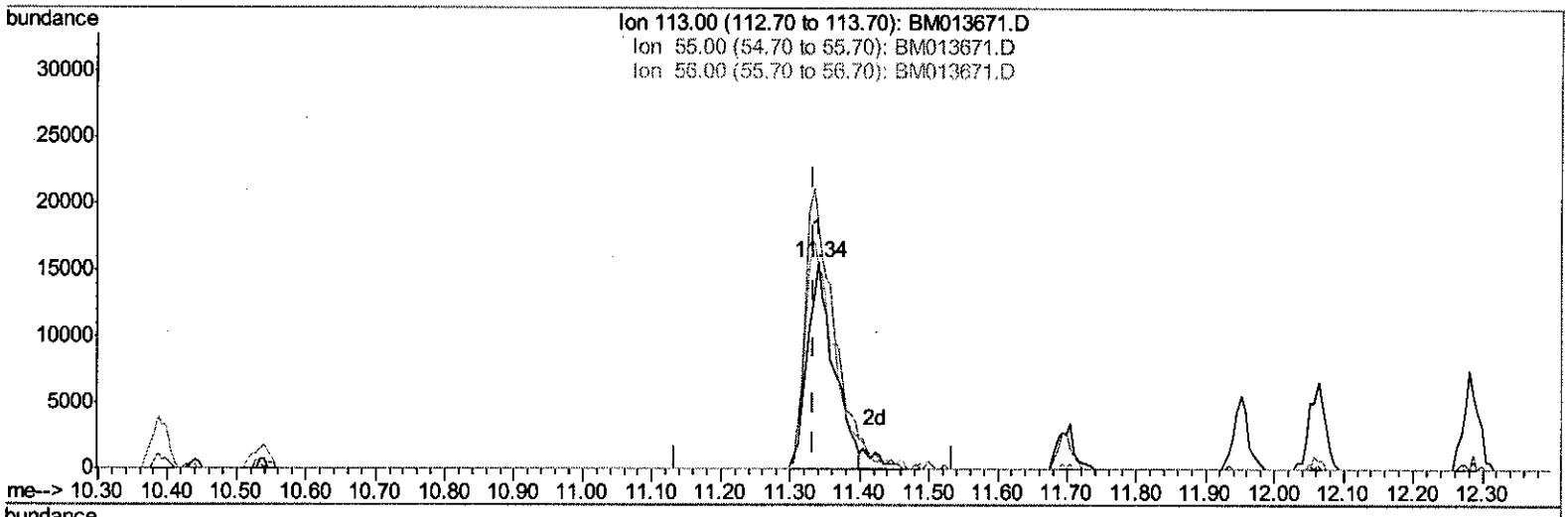


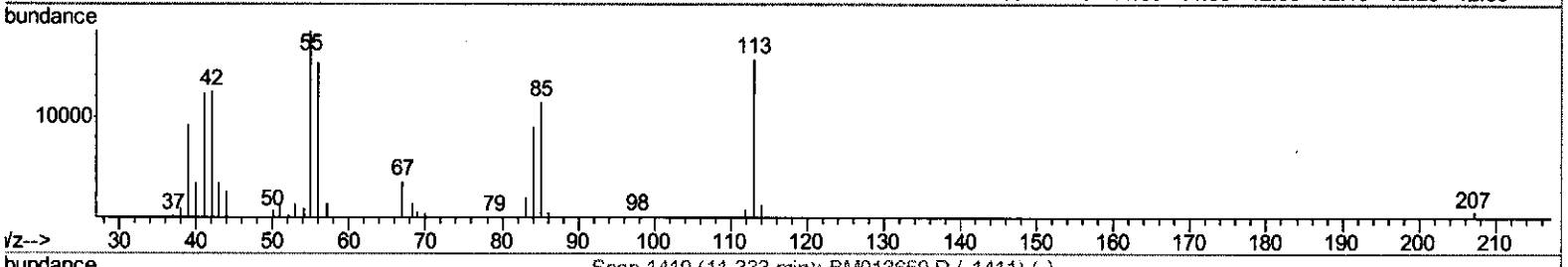
Data Path : Z:\HPCHEM1\BNA M\Data\BM012018\
Data File : BM013671.D
Acq On : 20 Jan 2018 08:44
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

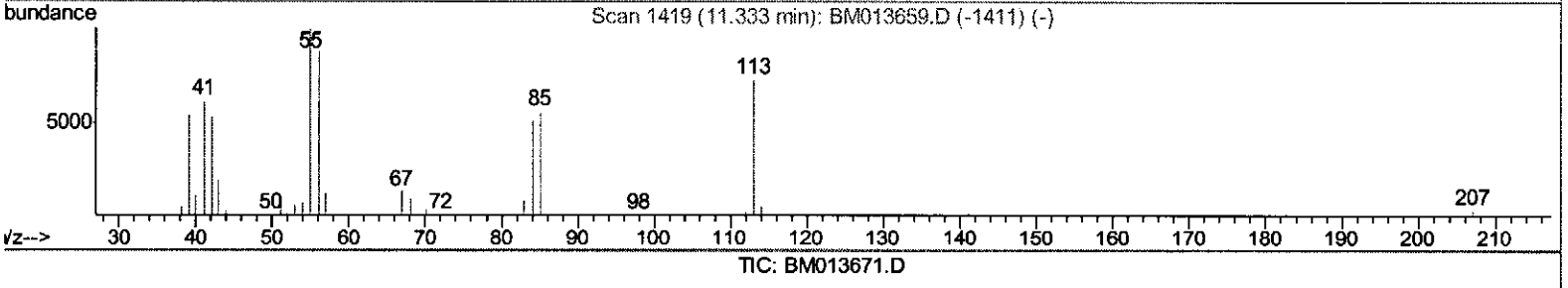
Quant Time: Jan 22 00:37:21 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 20 00:06:08 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02029

Manual Integrations APPROVED
Sohil
1/22/2018 2:39:58 PM







TIC: BM013671.D

(32) Caprolactam

11.340min (+0.006) 18.44ng/ul

response 41577

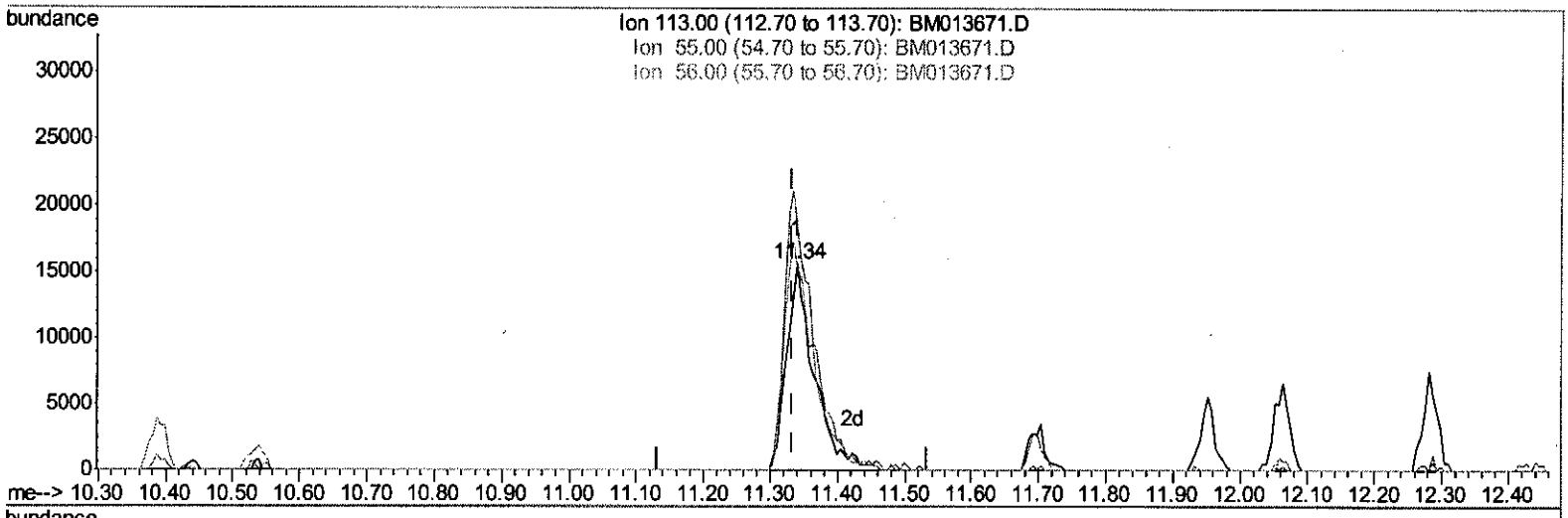
Ion	Exp%	Act%
113.00	100	100
55.00	260.00	117.36#
56.00	200.00	97.60#
0.00	0.00	0.00

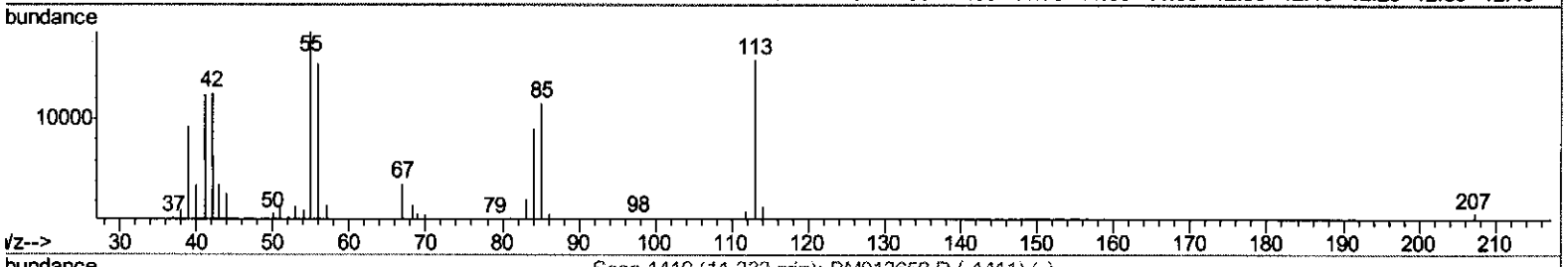
Data Path : Z:\HPCHEM1\BNA M\Data\BM012018\
Data File : BM013671.D
Acq On : 20 Jan 2018 08:44
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

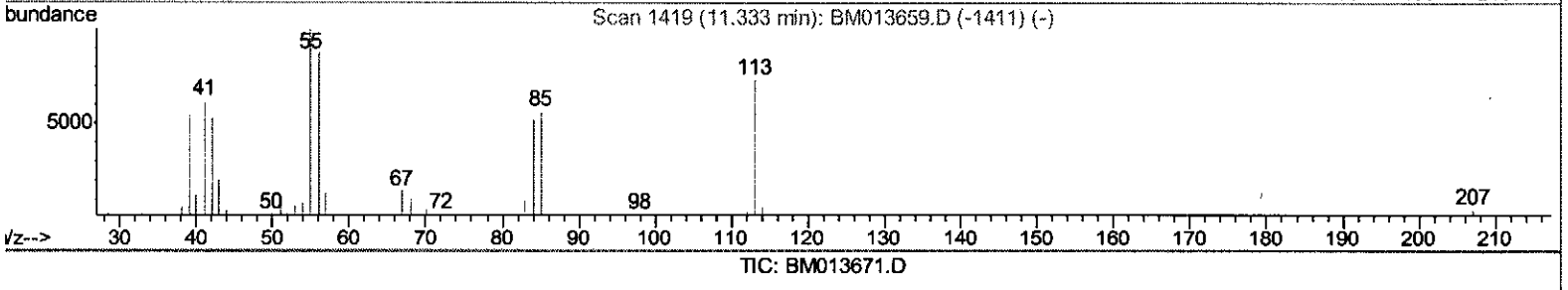
Quant Time: Jan 22 00:37:21 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 20 00:06:08 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02029

Manual Integrations APPROVED
Sohil
1/22/2018 2:39:58 PM







TIC: BM013671.D

(32) Caprolactam

11.340min (+0.006) 19.62ng/ul m> SJ 1/22/18

response 44235

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	117.36#
56.00	200.00	97.60#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012018\
Data File : BM013671.D
Acq On : 20 Jan 2018 08:44
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02029

Manual Integrations APPROVED
Sohil
1/22/2018 2:39:58 PM

Quant Time: Jan 22 00:38:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 20 00:06:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	132388	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	530876	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	301412	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	689698	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	760496	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	759667	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	21820	6.51	ng/uL	0.00
5) Phenol-d5	6.79	99	198916	19.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	113934	18.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	167465	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	156857	20.08	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	82267	19.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	87860	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	166531	19.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	173862	23.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	479946	19.32	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	620488	19.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	72442	17.94	ng/ul	0.00
57) Fluorene-d10	15.26	176	416847	19.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	74736	18.00	ng/ul	0.00
70) Anthracene-d10	17.12	188	665098	19.80	ng/ul	0.00
76) Pyrene-d10	19.42	212	732341	20.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	711769	20.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	21420	5.838	ng/uL#	70
4) Benzaldehyde	6.77	77	143454	20.396	ng/ul	90
6) Phenol	6.82	94	190758	18.713	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.05	93	151887	19.041	ng/ul	96
10) 2-Chlorophenol	7.18	128	165668	20.072	ng/ul	98
11) 2-Methylphenol	8.06	108	145648	19.383	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	151123	18.619	ng/ul#	76
14) Acetophenone	8.43	105	250330	19.362	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.42	70	121856	19.319	ng/ul#	73
16) 4-Methylphenol	8.39	108	160555	19.983	ng/ul	88
17) Hexachloroethane	8.67	117	73999	18.419	ng/ul	85
20) Nitrobenzene	8.81	77	199836	18.779	ng/ul	95
21) Isophorone	9.33	82	323165	18.796	ng/ul	98
23) 2-Nitrophenol	9.52	139	91159	20.096	ng/ul#	79
24) 2,4-Dimethylphenol	9.58	107	182406	19.072	ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.82	93	197997	18.890	ng/ul	96
27) 2,4-Dichlorophenol	10.05	162	160062	19.752	ng/ul#	91
28) Naphthalene	10.44	128	524272	19.851	ng/ul	100
30) 4-Chloroaniline	10.56	127	172526	23.849	ng/ul	95
31) Hexachlorobutadiene	10.72	225	122350	18.393	ng/ul#	87
32) Caprolactam	11.34	113	44235m>	19.622	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	162425	19.772	ng/ul	88
34) 2-Methylnaphthalene	12.06	142	381143	19.356	ng/ul	93

SJ 1/22/18

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012018\
Data File : BM013671.D
Acq On : 20 Jan 2018 08:44
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02029

Manual Integrations
APPROVED
Sohil
1/22/2018 2:39:58 PM

Quant Time: Jan 22 00:38:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 20 00:06:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	221363	19.821	ng/ul#	98
37) Hexachlorocyclopentadiene	12.40	237	72475	15.631	ng/ul#	92
38) 2,4,6-Trichlorophenol	12.69	196	131811	20.389	ng/ul	92
39) 2,4,5-Trichlorophenol	12.76	196	138809	20.635	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	498366	19.864	ng/ul	95
41) 2-Chloronaphthalene	13.13	162	391172	19.945	ng/ul	98
42) 2-Nitroaniline	13.35	65	104417	19.300	ng/ul	95
44) Dimethylphthalate	13.73	163	466793	19.111	ng/ul#	99
45) 2,6-Dinitrotoluene	13.85	165	95593	20.196	ng/ul#	95
47) Acenaphthylene	13.98	152	570708	19.690	ng/ul	99
48) 3-Nitroaniline	14.19	138	81743	21.960	ng/ul	92
49) Acenaphthene	14.33	153	398193	19.837	ng/ul	96
50) 2,4-Dinitrophenol	14.40	184	40845	15.054	ng/ul#	85
52) 4-Nitrophenol	14.50	109	73314	17.877	ng/ul#	80
53) Dibenzofuran	14.67	168	583175	19.311	ng/ul	100
54) 2,4-Dinitrotoluene	14.65	165	139645	20.239	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.90	232	126392	19.976	ng/ul	91
56) Diethylphthalate	15.10	149	458605	18.657	ng/ul	94
58) Fluorene	15.32	166	480665	19.431	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.32	204	255885	19.144	ng/ul	95
60) 4-Nitroaniline	15.35	138	82092	18.848	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.42	198	76565	17.473	ng/ul	97
64) N-Nitrosodiphenylamine	15.53	169	404669	19.949	ng/ul	97
65) 4-Bromophenyl-phenylether	16.21	248	154671	18.987	ng/ul	95
66) Hexachlorobenzene	16.32	284	176535	20.133	ng/ul#	93
67) Atrazine	16.49	200	156920	19.383	ng/ul	97
68) Pentachlorophenol	16.67	266	84927	18.227	ng/ul	93
69) Phenanthrene	17.06	178	756114	19.723	ng/ul	99
71) Anthracene	17.15	178	790091	19.980	ng/ul	98
72) Carbazole	17.43	167	646693	19.812	ng/ul	98
73) Di-n-butylphthalate	17.99	149	720829	18.777	ng/ul	98
74) Fluoranthene	19.08	202	899751	19.661	ng/ul#	95
77) Pyrene	19.45	202	947843	20.502	ng/ul#	95
78) Butylbenzylphthalate	20.36	149	328382	20.164	ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.14	252	270702	21.517	ng/ul	97
80) Benzo(a)anthracene	21.20	228	932723	20.297	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.14	149	469199	19.202	ng/ul	97
82) Chrysene	21.25	228	845976	20.068	ng/ul	99
84) Di-n-octyl phthalate	22.01	149	782449	17.091	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	933641	20.012	ng/ul#	98
86) Benzo(k)fluoranthene	22.80	252	884179	19.608	ng/ul#	97
88) Benzo(a)pyrene	23.32	252	887683	20.142	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.62	276	1006033	19.338	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.63	278	855738	19.479	ng/ul#	97
91) Benzo(g,h,i)perylene	26.29	276	831919	19.429	ng/ul#	97

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