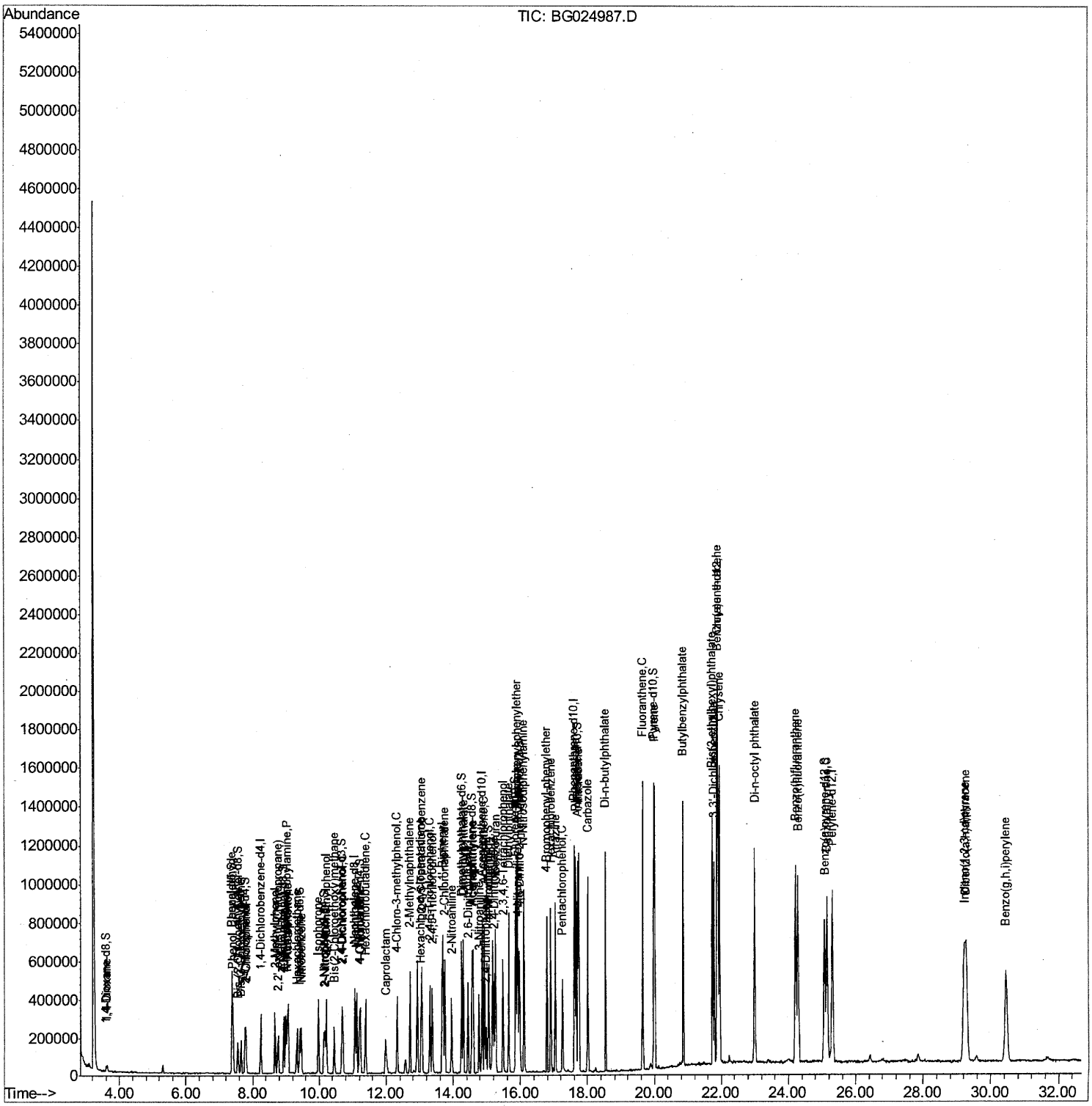
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024987.D
Acq On : 6 Dec 2016 19:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 07 03:17:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations APPROVED
sohil
12/7/2016 4:35:24 PM



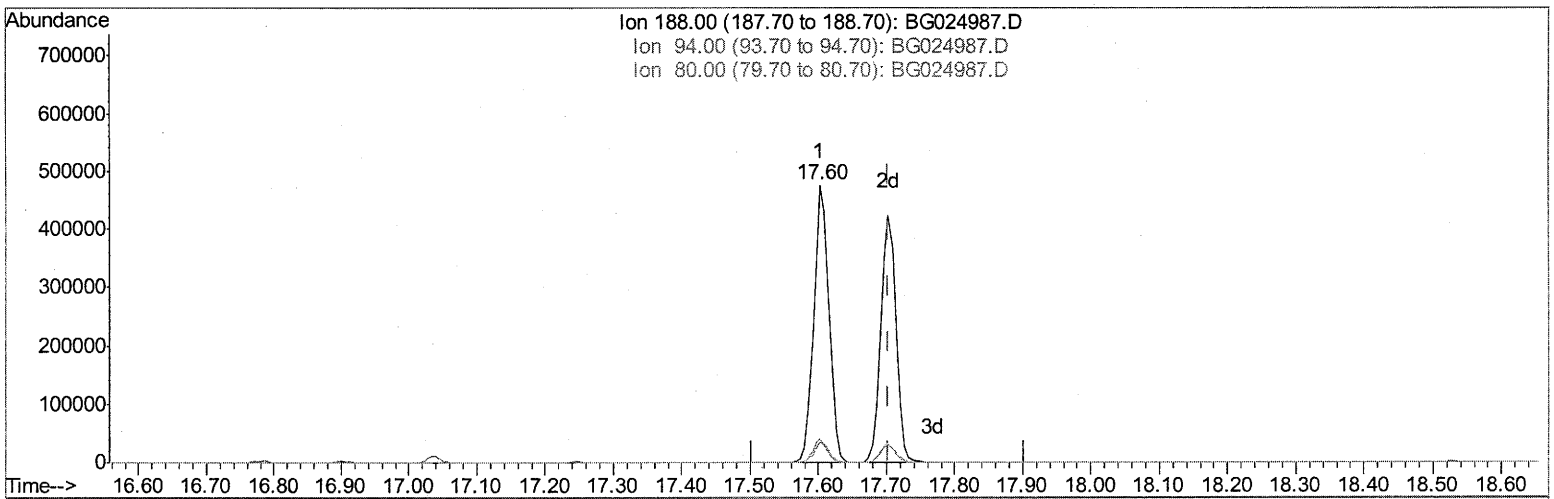
Quantitation Report (Qedit)

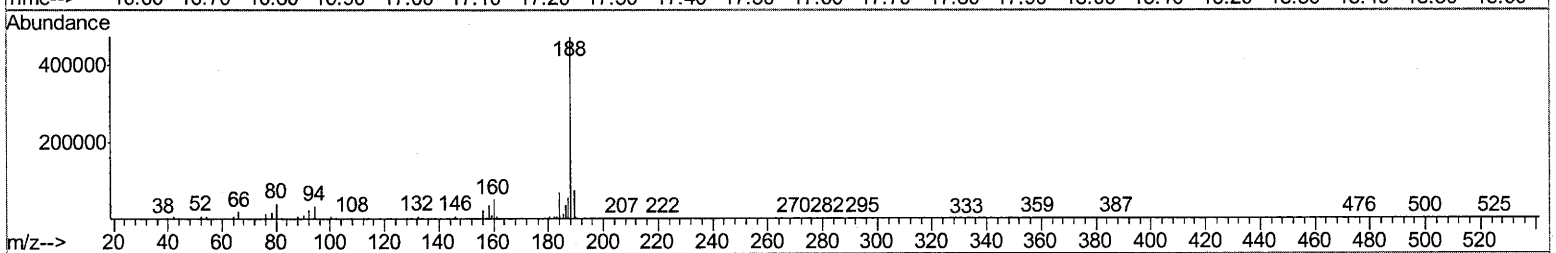
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024987.D
Acq On : 6 Dec 2016 19:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

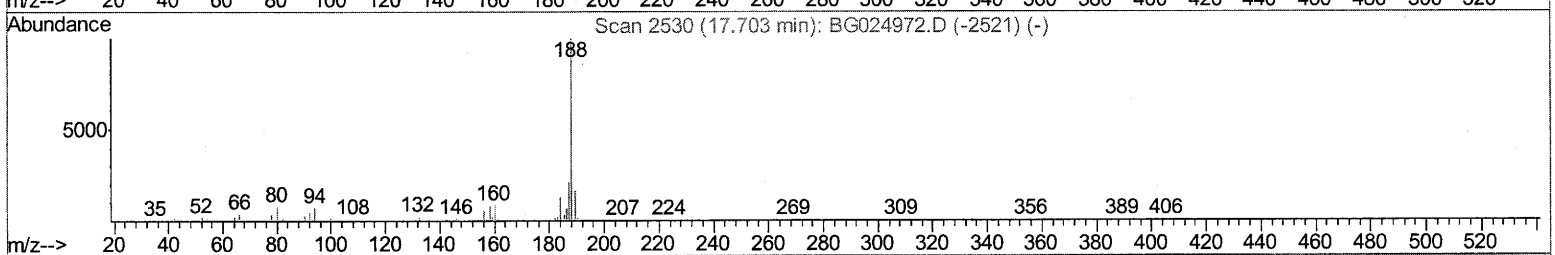
Quant Time: Dec 07 02:40:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations APPROVED
sohil
12/7/2016 4:35:24 PM







TIC: BG024987.D

(70) Anthracene-d10 (S)

17.603min (-0.100) 23.69ng/ul

response 742090

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.07
80.00	9.50	8.46
0.00	0.00	0.00

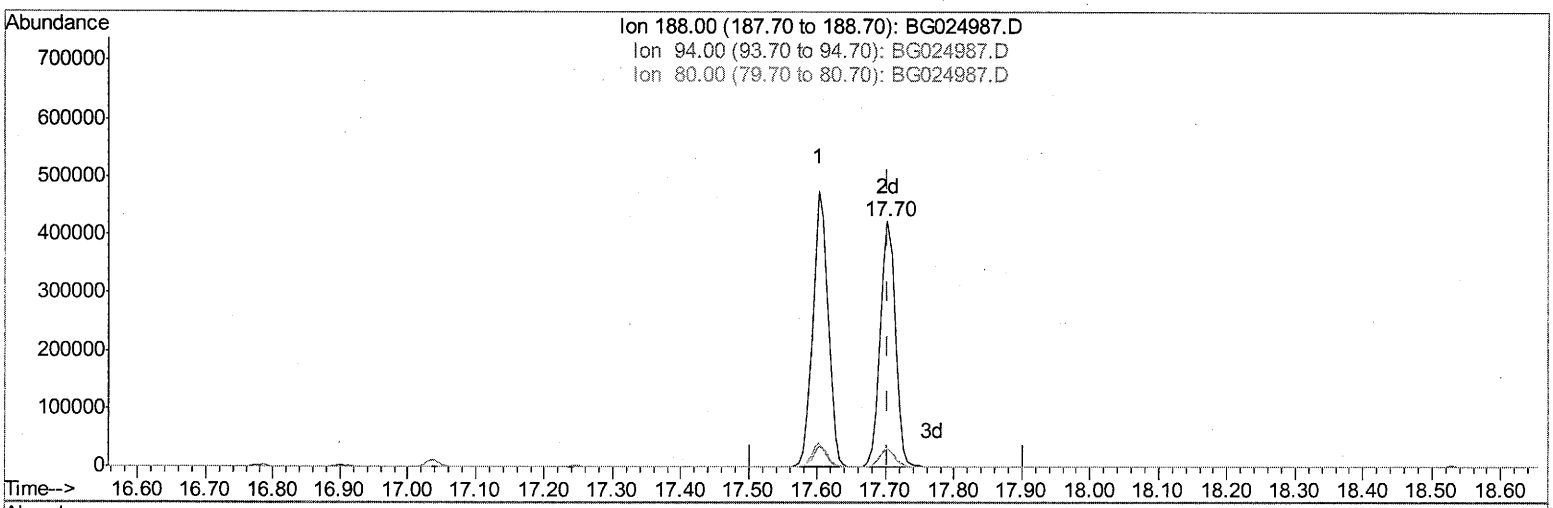
Quantitation Report (Qedit)

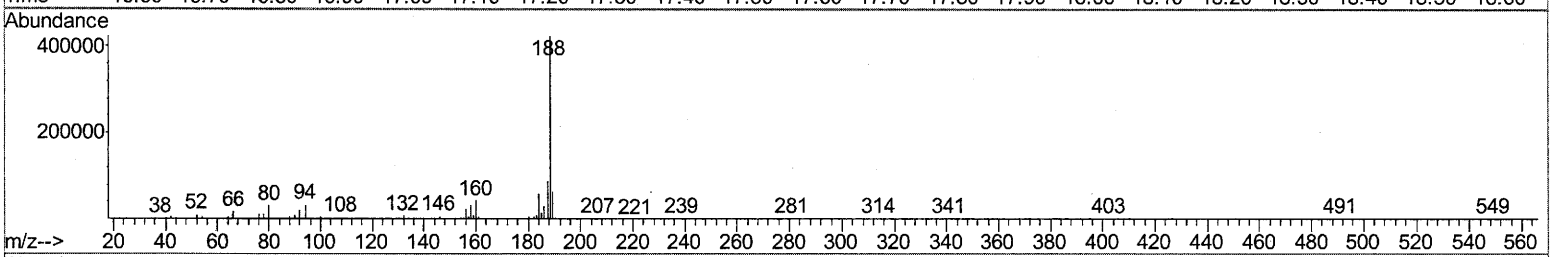
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024987.D
Acq On : 6 Dec 2016 19:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

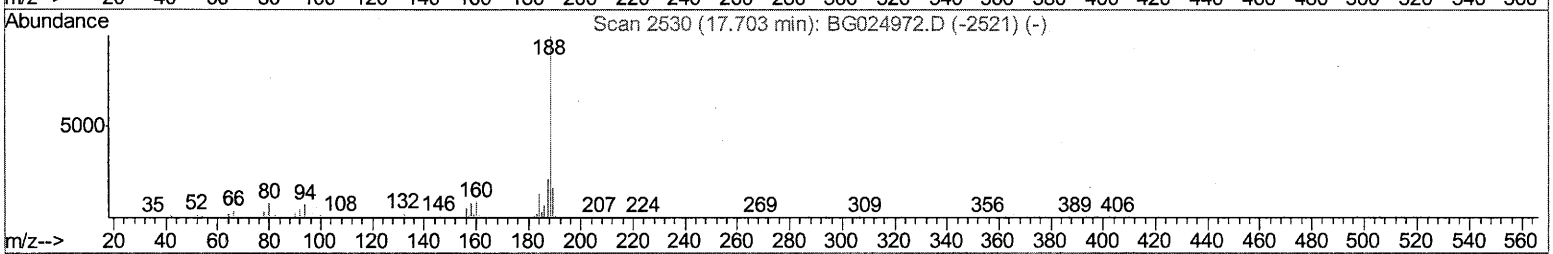
Quant Time: Dec 07 02:40:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations APPROVED
sohil
12/7/2016 4:35:24 PM







TIC: BG024987.D

(70) Anthracene-d10 (S)

17.703min (-0.000) 20.80ng/ul m UM

response 651449 12/08/16

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.85
80.00	9.50	7.47#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024987.D
Acq On : 6 Dec 2016 19:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 07 03:17:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02016

Manual Integrations APPROVED
sohil
12/7/2016 4:35:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.25	152	82239	20.00	ng/ul	0.00	
18) Naphthalene-d8	11.07	136	356692	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.86	164	301370	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.60	188	742090	20.00	ng/ul	0.00	
75) Chrysene-d12	21.89	240	1070766	20.00	ng/ul	0.00	
83) Perylene-d12	25.31	264	1123056	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.60	96	12569	7.89	ng/uL	0.00	
5) Phenol-d5	7.38	99	129875	18.31	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.56	67	84632	19.28	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.77	132	95855	19.32	ng/ul	0.00	
13) 4-Methylphenol-d8	8.94	113	112859	19.03	ng/ul	0.00	
19) Nitrobenzene-d5	9.42	128	47412	18.77	ng/ul	0.00	
22) 2-Nitrophenol-d4	10.15	143	58187	18.48	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.68	165	118099	19.50	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.20	131	133569	22.44	ng/ul	0.00	
43) Dimethylphthalate-d6	14.25	166	426659	20.58	ng/ul	0.00	
46) Acenaphthylene-d8	14.56	160	460482	20.28	ng/ul	0.00	
51) 4-Nitrophenol-d4	15.04	143	75760	21.26	ng/ul	0.00	
57) Fluorene-d10	15.85	176	396811	20.34	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.96	200	94390	20.57	ng/ul	0.00	
70) Anthracene-d10	17.70	188	651449m	20.80	ng/ul	0.00	UM12/08/16
76) Pyrene-d10	19.97	212	851261	19.30	ng/ul	0.00	
87) Benzo(a)pyrene-d12	25.07	264	917872	20.17	ng/ul	0.00	
Target Compounds						Qvalue	
2) 1,4-Dioxane	3.63	88	15327	7.39	ng/uL	90	
4) Benzaldehyde	7.38	77	105413	19.74	ng/ul	97	
6) Phenol	7.41	94	143940	19.77	ng/ul	92	
8) Bis(2-Chloroethyl)ether	7.66	93	102633	19.26	ng/ul#	82	
10) 2-Chlorophenol	7.80	128	95651	19.18	ng/ul#	85	
11) 2-Methylphenol	8.68	108	100350	18.72	ng/ul	81	
12) 2,2'-oxybis(1-Chloropropan	8.77	45	180145	19.88	ng/ul#	94	
14) Acetophenone	9.07	105	172814	19.15	ng/ul	98	
15) N-Nitroso-di-n-propylamine	9.04	70	101232	19.42	ng/ul	86	
16) 4-Methylphenol	9.00	108	119088	19.96	ng/ul	95	
17) Hexachloroethane	9.34	117	41192	18.64	ng/ul	85	
20) Nitrobenzene	9.47	77	154554	19.91	ng/ul	97	
21) Isophorone	9.98	82	281296	19.15	ng/ul	98	
23) 2-Nitrophenol	10.18	139	58803	18.41	ng/ul	99	
24) 2,4-Dimethylphenol	10.21	107	143304	19.62	ng/ul	97	
25) Bis(2-Chloroethoxy)methane	10.45	93	152428	20.36	ng/ul#	89	
27) 2,4-Dichlorophenol	10.71	162	117227	19.94	ng/ul	98	
28) Naphthalene	11.12	128	316340	19.08	ng/ul#	94	
30) 4-Chloroaniline	11.23	127	133525	21.95	ng/ul	100	
31) Hexachlorobutadiene	11.39	225	100207	19.82	ng/ul	89	
32) Caprolactam	11.98	113	45743	18.73	ng/ul	92	
33) 4-Chloro-3-methylphenol	12.33	107	141379	19.51	ng/ul	99	
34) 2-Methylnaphthalene	12.71	142	255379	19.52	ng/ul	94	

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024987.D
Acq On : 6 Dec 2016 19:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 07 03:17:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations APPROVED
sohil
12/7/2016 4:35:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	183199	20.17	ng/ul	91
37) Hexachlorocyclopentadiene	13.04	237	100772	18.90	ng/ul	96
38) 2,4,6-Trichlorophenol	13.30	196	111920	19.61	ng/ul	86
39) 2,4,5-Trichlorophenol	13.37	196	128289	20.51	ng/ul	91
40) 1,1'-Biphenyl	13.70	154	376746	20.62	ng/ul	95
41) 2-Chloronaphthalene	13.75	162	289182	19.88	ng/ul	95
42) 2-Nitroaniline	13.95	65	126636	22.24	ng/ul	93
44) Dimethylphthalate	14.30	163	411543	20.20	ng/ul	98
45) 2,6-Dinitrotoluene	14.44	165	82645	18.88	ng/ul#	89
47) Acenaphthylene	14.59	152	455351	20.63	ng/ul	99
48) 3-Nitroaniline	14.77	138	87771	23.15	ng/ul#	98
49) Acenaphthene	14.92	153	306339	20.26	ng/ul	98
50) 2,4-Dinitrophenol	14.97	184	58838	20.69	ng/ul#	74
52) 4-Nitrophenol	15.06	109	91835	21.43	ng/ul	92
53) Dibenzofuran	15.26	168	496230	20.75	ng/ul	98
54) 2,4-Dinitrotoluene	15.22	165	144007	21.83	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.48	232	133080	20.14	ng/ul	99
56) Diethylphthalate	15.65	149	432709	20.06	ng/ul	95
58) Fluorene	15.90	166	399853	20.53	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.89	204	225800	20.59	ng/ul#	86
60) 4-Nitroaniline	15.93	138	94821	20.74	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.98	198	98399	20.70	ng/ul#	94
64) N-Nitrosodiphenylamine	16.10	169	384799	20.16	ng/ul	95
65) 4-Bromophenyl-phenylether	16.78	248	169185	20.18	ng/ul	96
66) Hexachlorobenzene	16.90	284	193013	20.45	ng/ul	98
67) Atrazine	17.04	200	183063	20.17	ng/ul	99
68) Pentachlorophenol	17.24	266	104512	18.44	ng/ul	90
69) Phenanthrene	17.64	178	734536	20.74	ng/ul	99
71) Anthracene	17.74	178	758008	20.82	ng/ul	99
72) Carbazole	18.01	167	664153	21.86	ng/ul	98
73) Di-n-butylphthalate	18.53	149	801515	20.90	ng/ul	98
74) Fluoranthene	19.64	202	974711	23.16	ng/ul	99
77) Pyrene	20.01	202	1002382	19.47	ng/ul#	96
78) Butylbenzylphthalate	20.86	149	410194	20.35	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.78	252	410708	22.00	ng/ul	99
80) Benzo(a)anthracene	21.87	228	1128175	20.28	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	551578	19.88	ng/ul#	97
82) Chrysene	21.94	228	1069111	20.55	ng/ul	99
84) Di-n-octyl phthalate	23.00	149	948427	20.80	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1111666	19.96	ng/ul	98
86) Benzo(k)fluoranthene	24.28	252	1112953	21.02	ng/ul	99
88) Benzo(a)pyrene	25.14	252	1095496	20.46	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.22	276	1344341	20.20	ng/ul	96
90) Dibenzo(a,h)anthracene	29.28	278	1139788	20.33	ng/ul	92
91) Benzo(g,h,i)perylene	30.46	276	1113062	20.04	ng/ul	95

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