Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020795.D
Acq On : 4 Feb 2016 21:06
Operator : SJ/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02013

Quant Time: Feb 05 04:21:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	21802	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	109067	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	61383	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	118543	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	102521	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	96816	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	3225	7.09	ng/uL	0.00
5) Phenol-d5	7.41	99	40253	18.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	21846	18.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	32355	19.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	34243	17.79	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	15549	23.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	14409	24.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	31544	19.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	44612	19.92	ng/ul	0.00
44) Dimethylphthalate-d6	14.29	166	92170	17.58	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	123599	19.34	ng/ul	0.00
52) 4-Nitrophenol-d4	15.06	143	17643	19.02	ng/ul	0.00
58) Fluorene-d10	15.87	176	80997	17.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	7998	20.43	ng/ul	0.00
71) Anthracene-d10	17.72	188	111328	19.10	ng/ul	0.00
79) Pyrene-d10	19.98	212	108354	19.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	101682	19.60	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	3884	6.25	ng/uL#	87
4) Benzaldehyde	7.41	77	26555	21.21	ng/ul#	82
6) Phenol	7.44	94	42861	18.11	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.68	93	33484	18.89	ng/ul	92
10) 2-Chlorophenol	7.84	128	33482	19.23	ng/ul#	90
11) 2-Methylphenol	8.71	108	33558	17.87	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.81	45	35810	18.28	ng/ul#	92
14) Acetophenone	9.11	105	53053	17.82	ng/ul#	89
15) N-Nitroso-di-n-propylamine	9.08	70	25904	17.22	ng/ul	90
16) 4-Methylphenol	9.04	108	37080	17.64	ng/ul	95
17) Hexachloroethane	9.38	117	12922	21.16	ng/ul#	69
20) Nitrobenzene	9.49	77	34737	22.49	ng/ul#	84
21) Isophorone	10.01	82	72425	17.77	ng/ul#	96
23) 2-Nitrophenol	10.20	139	17641	24.87	ng/ul#	75
24) 2,4-Dimethylphenol	10.25	107	38247	19.45	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.49	93	47789	18.60	ng/ul	97
27) 2,4-Dichlorophenol	10.74	162	32975	19.56	ng/ul	96
28) Naphthalene	11.16	128	118906	19.54	ng/ul	100
30) 4-Chloroaniline	11.26	127	47725	20.04	ng/ul	94
31) Hexachlorobutadiene	11.43	225	16621	19.89	ng/ul	97
32) Caprolactam	12.00	113	11610	16.88	ng/ul	82
33) 4-Chloro-3-methylphenol	12.35	107	36067	17.95	ng/ul	92
34) 2-Methylnaphthalene	12.74	142	86541	18.49	ng/ul	98

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020795.D
Acq On : 4 Feb 2016 21:06
Operator : SJ/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02013

Quant Time: Feb 05 04:21:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.96	142	81614	18.25	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	36603	21.13	ng/ul#	94
38) Hexachlorocyclopentadiene	13.08	237	15397	16.71	ng/ul#	90
39) 2,4,6-Trichlorophenol	13.33	196	24007	20.94	ng/ul	98
40) 2,4,5-Trichlorophenol	13.40	196	26311	20.64	ng/ul	92
41) 1,1'-Biphenyl	13.73	154	108528	20.29	ng/ul#	97
42) 2-Chloronaphthalene	13.78	162	79689	20.21	ng/ul	97
43) 2-Nitroaniline	13.97	65	18569	24.85	ng/ul#	75
45) Dimethylphthalate	14.33	163	96323	17.60	ng/ul#	98
46) 2,6-Dinitrotoluene	14.45	165	17732	24.37	ng/ul	97
48) Acenaphthylene	14.62	152	136960	19.40	ng/ul	97
49) 3-Nitroaniline	14.78	138	22370	22.68	ng/ul	97
50) Acenaphthene	14.95	153	94166	19.16	ng/ul	98
51) 2,4-Dinitrophenol	14.99	184	5546	17.20	ng/ul	95
53) 4-Nitrophenol	15.07	109	10415	20.13	ng/ul#	61
54) Dibenzofuran	15.29	168	120060	18.69	ng/ul	93
55) 2,4-Dinitrotoluene	15.23	165	23960	23.38	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.50	232	20095	18.26	ng/ul#	79
57) Diethylphthalate	15.68	149	98784	17.08	ng/ul	94
59) Fluorene	15.93	166	102293	18.22	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.91	204	43360	17.82	ng/ul#	91
61) 4-Nitroaniline	15.94	138	24348	20.40	ng/ul#	78
64) 4,6-Dinitro-2-methylphenol	16.00	198	9417	20.34	ng/ul	97
65) N-Nitrosodiphenylamine	16.13	169	82415	20.85	ng/ul	92
66) 4-Bromophenyl-phenylether	16.81	248	25075	19.84	ng/ul	94
67) Hexachlorobenzene	16.92	284	27834	19.80	ng/ul#	83
68) Atrazine	17.06	200	25795	19.74	ng/ul	96
69) Pentachlorophenol	17.27	266	14324	17.73	ng/ul	93
70) Phenanthrene	17.66	178	144963	19.47	ng/ul	98
72) Anthracene	17.76	178	145584	19.56	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	33976	24.15	ng/uL	97
74) Pentachlorobenzene	15.20	250	31772	21.94	ng/uL	98
75) Carbazole	18.02	167	130891	19.82	ng/ul	94
76) Di-n-butylphthalate	18.56	149	163614	20.69	ng/ul	98
77) Fluoranthene	19.66	202	147371	19.27	ng/ul#	81
80) Pyrene	20.01	202	151037	19.49	ng/ul#	76
81) Butylbenzylphthalate	20.88	149	67744	22.26	ng/ul#	96
82) 3,3'-Dichlorobenzidine	21.79	252	45337	20.68	ng/ul#	98
83) Benzo(a)anthracene	21.88	228	130150	19.71	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	102284	21.71	ng/ul#	93
85) Chrysene	21.95	228	120384	19.63	ng/ul	99
87) Di-n-octyl phthalate	23.05	149	168931	21.62	ng/ul	100
88) Benzo(b)fluoranthene	24.20	252	126107	19.88	ng/ul#	92
89) Benzo(k)fluoranthene	24.28	252	118154	19.02	ng/ul#	94
91) Benzo(a)pyrene	25.13	252	118981	19.61	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	29.16	276	139372	19.65	ng/ul#	84
93) Dibenzo(a,h)anthracene	29.24	278	115397	19.69	ng/ul#	92
94) Benzo(g,h,i)perylene	30.37	276	114389	19.65	ng/ul#	83

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020795.D
Acq On : 4 Feb 2016 21:06
Operator : SJ/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02013

Quant Time: Feb 05 04:21:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG0795.D
Acq On : 4 Feb 2016 21:06
Operator : SJ/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02013

Quant Time: Feb 05 04:21:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration