Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
Data File : BG024853.D
Acq On : 19 Nov 2016 9:18
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02019

Quant Time: Nov 20 23:38:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 20 23:33:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	112841	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	484197	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	384854	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	779992	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	949071	20.00	ng/ul	0.00
83) Perylene-d12	25.36	264	1014631	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	15735	7.23	ng/uL	0.00
5) Phenol-d5	7.40	99	205152	21.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	118275	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	141419	20.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	167012	20.57	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	73803	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	90246	20.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	186145	21.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	207354	21.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	565333	20.15	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	669491	21.89	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	89773	17.98	ng/ul	0.00
57) Fluorene-d10	15.87	176	539894	20.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	92668	17.28	ng/ul	0.00
70) Anthracene-d10	17.72	188	747346	21.69	ng/ul	0.00
76) Pyrene-d10	19.99	212	860408	20.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	922955	20.78	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	19807	7.26	ng/uL	91
4) Benzaldehyde	7.40	77	151896	24.39	ng/ul	92
6) Phenol	7.43	94	204135	20.22	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.67	93	149083	20.74	ng/ul	96
10) 2-Chlorophenol	7.82	128	137352	20.48	ng/ul	89
11) 2-Methylphenol	8.69	108	153451	20.74	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.79	45	255552	20.94	ng/ul	98
14) Acetophenone	9.09	105	253909	20.77	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.06	70	146775	21.13	ng/ul#	81
16) 4-Methylphenol	9.02	108	167182	20.89	ng/ul	97
17) Hexachloroethane	9.35	117	65244	21.26	ng/ul	94
20) Nitrobenzene	9.48	77	218034	20.03	ng/ul	98
21) Isophorone	10.00	82	405555	19.98	ng/ul#	94
23) 2-Nitrophenol	10.20	139	93813	21.22	ng/ul#	80
24) 2,4-Dimethylphenol	10.23	107	213610	20.34	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.47	93	210013	19.70	ng/ul#	88
27) 2,4-Dichlorophenol	10.73	162	172515	20.67	ng/ul	95
28) Naphthalene	11.14	128	494927	21.31	ng/ul	99
30) 4-Chloroaniline	11.25	127	206703	22.02	ng/ul	94
31) Hexachlorobutadiene	11.41	225	152038	20.75	ng/ul	93
32) Caprolactam	12.00	113	58471	17.77	ng/ul#	74
33) 4-Chloro-3-methylphenol	12.34	107	206483	20.43	ng/ul	94
34) 2-Methylnaphthalene	12.72	142	387637	21.21	ng/ul	93

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
Data File : BG024853.D
Acq On : 19 Nov 2016 9:18
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02019

Quant Time: Nov 20 23:38:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 20 23:33:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	284254	22.76	ng/ul	94
37) Hexachlorocyclopentadiene	13.05	237	145085	18.03	ng/ul	98
38) 2,4,6-Trichlorophenol	13.32	196	164561	21.66	ng/ul	90
39) 2,4,5-Trichlorophenol	13.39	196	175178	21.22	ng/ul	96
40) 1,1'-Biphenyl	13.72	154	541405	21.86	ng/ul	98
41) 2-Chloronaphthalene	13.77	162	430264	22.36	ng/ul	98
42) 2-Nitroaniline	13.97	65	158165	20.72	ng/ul	99
44) Dimethylphthalate	14.32	163	546856	20.31	ng/ul	95
45) 2,6-Dinitrotoluene	14.46	165	117829	20.82	ng/ul	96
47) Acenaphthylene	14.61	152	645213	21.80	ng/ul	99
48) 3-Nitroaniline	14.79	138	108262	20.70	ng/ul#	98
49) Acenaphthene	14.94	153	444557	21.22	ng/ul	100
50) 2,4-Dinitrophenol	14.99	184	57502	14.20	ng/ul	91
52) 4-Nitrophenol	15.08	109	100458	16.80	ng/ul	87
53) Dibenzofuran	15.27	168	673106	21.00	ng/ul	98
54) 2,4-Dinitrotoluene	15.24	165	171858	20.08	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.50	232	171659	19.99	ng/ul#	99
56) Diethylphthalate	15.67	149	543632	19.01	ng/ul	96
58) Fluorene	15.92	166	524324	20.15	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.90	204	297096	20.19	ng/ul#	84
60) 4-Nitroaniline	15.94	138	114784	19.30	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	16.00	198	89436	16.45	ng/ul#	91
64) N-Nitrosodiphenylamine	16.12	169	472535	22.42	ng/ul	93
65) 4-Bromophenyl-phenylether	16.80	248	209715	22.11	ng/ul	92
66) Hexachlorobenzene	16.92	284	233770	22.27	ng/ul#	94
67) Atrazine	17.05	200	208568	21.11	ng/ul	96
68) Pentachlorophenol	17.26	266	126344	20.39	ng/ul	90
69) Phenanthrene	17.66	178	830080	21.35	ng/ul	98
71) Anthracene	17.76	178	865779	21.53	ng/ul	98
72) Carbazole	18.03	167	722298	21.89	ng/ul	98
73) Di-n-butylphthalate	18.55	149	865543	20.82	ng/ul	98
74) Fluoranthene	19.66	202	980193	21.70	ng/ul	96
77) Pyrene	20.02	202	974891	20.90	ng/ul	98
78) Butylbenzylphthalate	20.88	149	399700	20.93	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.81	252	405635	22.23	ng/ul#	93
80) Benzo(a)anthracene	21.90	228	1094161	21.19	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	565560	21.65	ng/ul	96
82) Chrysene	21.97	228	1045456	21.59	ng/ul	96
84) Di-n-octyl phthalate	23.03	149	974165	22.68	ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	1086071	20.32	ng/ul	98
86) Benzo(k)fluoranthene	24.33	252	1076315	21.20	ng/ul	97
88) Benzo(a)pyrene	25.19	252	1087542	21.02	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.31	276	1277925	19.76	ng/ul	99
90) Dibenzo(a,h)anthracene	29.37	278	1107797	20.55	ng/ul	99
91) Benzo(g,h,i)perylene	30.54	276	1054716	19.80	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
Data File : BG024853.D
Acq On : 19 Nov 2016 9:18
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02019

Quant Time: Nov 20 23:38:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 20 23:33:22 2016
Response via : Initial Calibration