Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101816\
Data File : BG024417.D
Acq On : 18 Oct 2016 13:34
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02001

Quant Time: Oct 18 14:09:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 03:43:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	116547	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	538150	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	444135	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	944241	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1039135	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1079217	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	19352	7.89	ng/uL	0.00
5) Phenol-d5	7.41	99	226257	20.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	142525	19.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	159675	21.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	191099	21.74	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	82368	21.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	96164	22.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	207060	22.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	220729	22.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	661933	21.35	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	776768	21.87	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	105944	19.27	ng/ul	0.00
57) Fluorene-d10	15.89	176	629903	21.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	126592	22.31	ng/ul	0.00
70) Anthracene-d10	17.74	188	898034	21.06	ng/ul	0.00
76) Pyrene-d10	20.01	212	1035815	21.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1022810	21.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	22365	8.41	ng/uL	86
4) Benzaldehyde	7.42	77	169950	22.21	ng/ul	96
6) Phenol	7.44	94	233646	21.17	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.69	93	175220	21.57	ng/ul	93
10) 2-Chlorophenol	7.84	128	161021	21.22	ng/ul	86
11) 2-Methylphenol	8.71	108	176555	21.60	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.81	45	317000	19.54	ng/ul	96
14) Acetophenone	9.11	105	295528	22.64	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.08	70	166833	21.19	ng/ul#	91
16) 4-Methylphenol	9.04	108	189216	21.82	ng/ul	99
17) Hexachloroethane	9.38	117	71501	20.37	ng/ul	95
20) Nitrobenzene	9.50	77	255366	21.13	ng/ul	96
21) Isophorone	10.02	82	461174	20.99	ng/ul	96
23) 2-Nitrophenol	10.21	139	99821	21.44	ng/ul	86
24) 2,4-Dimethylphenol	10.25	107	251041	21.88	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.50	93	248016	20.60	ng/ul	96
27) 2,4-Dichlorophenol	10.75	162	198819	22.29	ng/ul	97
28) Naphthalene	11.16	128	540107	20.84	ng/ul	99
30) 4-Chloroaniline	11.26	127	230811	23.26	ng/ul	98
31) Hexachlorobutadiene	11.43	225	158576	22.19	ng/ul	91
32) Caprolactam	12.01	113	72543	21.39	ng/ul	83
33) 4-Chloro-3-methylphenol	12.36	107	234006	21.43	ng/ul	100
34) 2-Methylnaphthalene	12.74	142	435148	21.12	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101816\
Data File : BG024417.D
Acq On : 18 Oct 2016 13:34
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02001

Quant Time: Oct 18 14:09:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 03:43:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.10	216	299501	22.87	ng/ul	96
37) Hexachlorocyclopentadiene	13.08	237	190993	19.89	ng/ul	94
38) 2,4,6-Trichlorophenol	13.33	196	182931	21.54	ng/ul	87
39) 2,4,5-Trichlorophenol	13.40	196	203734	21.83	ng/ul	95
40) 1,1'-Biphenyl	13.74	154	612264	21.29	ng/ul	99
41) 2-Chloronaphthalene	13.78	162	488383	21.66	ng/ul	98
42) 2-Nitroaniline	13.98	65	197745	23.04	ng/ul	90
44) Dimethylphthalate	14.34	163	637213	20.96	ng/ul	100
45) 2,6-Dinitrotoluene	14.47	165	132681	22.49	ng/ul#	93
47) Acenaphthylene	14.62	152	741240	21.68	ng/ul	98
48) 3-Nitroaniline	14.80	138	127363	22.85	ng/ul#	89
49) Acenaphthene	14.96	153	505744	20.70	ng/ul	95
50) 2,4-Dinitrophenol	15.00	184	78540	19.85	ng/ul	90
52) 4-Nitrophenol	15.08	109	135172	20.29	ng/ul	86
53) Dibenzofuran	15.29	168	770395	21.42	ng/ul	98
54) 2,4-Dinitrotoluene	15.25	165	193446	22.13	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.51	232	198298	21.65	ng/ul#	99
56) Diethylphthalate	15.69	149	677911	21.15	ng/ul	97
58) Fluorene	15.94	166	621363	20.90	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.92	204	355065	21.52	ng/ul	90
60) 4-Nitroaniline	15.96	138	130414	20.32	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	16.00	198	130290	21.91	ng/ul#	98
64) N-Nitrosodiphenylamine	16.13	169	569379	21.32	ng/ul	93
65) 4-Bromophenyl-phenylether	16.82	248	242056	22.13	ng/ul	96
66) Hexachlorobenzene	16.94	284	268581	22.01	ng/ul	95
67) Atrazine	17.07	200	237251	21.72	ng/ul	97
68) Pentachlorophenol	17.27	266	152806	20.60	ng/ul	88
69) Phenanthrene	17.68	178	1017224	21.34	ng/ul	99
71) Anthracene	17.77	178	1020615	21.03	ng/ul	98
72) Carbazole	18.04	167	859577	22.57	ng/ul	99
73) Di-n-butylphthalate	18.57	149	1035807	22.24	ng/ul	99
74) Fluoranthene	19.67	202	1174077	24.38	ng/ul	99
77) Pyrene	20.03	202	1181733	21.29	ng/ul	98
78) Butylbenzylphthalate	20.90	149	465090	20.86	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.82	252	438961	22.68	ng/ul	100
80) Benzo(a)anthracene	21.91	228	1264709	21.93	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.78	149	650332	20.62	ng/ul	99
82) Chrysene	21.99	228	1177798	21.46	ng/ul	99
84) Di-n-octyl phthalate	23.07	149	1122818	22.17	ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1271280	21.22	ng/ul	100
86) Benzo(k)fluoranthene	24.35	252	1184728	20.53	ng/ul	97
88) Benzo(a)pyrene	25.22	252	1194973	20.94	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.32	276	1461832	21.63	ng/ul	98
90) Dibenzo(a,h)anthracene	29.41	278	1237117	21.64	ng/ul#	92
91) Benzo(g,h,i)perylene	30.57	276	1195180	21.03	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101816\
Data File : BG024417.D
Acq On : 18 Oct 2016 13:34
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02001

Quant Time: Oct 18 14:09:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 03:43:57 2016
Response via : Initial Calibration