Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101916\
Data File : BG024455.D
Acq On : 19 Oct 2016 23:06
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02006

Quant Time: Oct 20 00:57:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 00:54:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	128267	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	577099	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	471253	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.63	188	949265	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1103322	20.00	ng/ul	0.00
83) Perylene-d12	25.37	264	1109659	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	20098	7.44	ng/uL	0.00
5) Phenol-d5	7.41	99	248605	20.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	152635	18.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	171590	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	208181	21.52	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	91172	22.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	105417	23.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	211751	21.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	244701	23.34	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	678090	20.61	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	810432	21.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	114636	19.65	ng/ul	0.00
57) Fluorene-d10	15.88	176	662975	21.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	129102	22.63	ng/ul	0.00
70) Anthracene-d10	17.73	188	918067	21.41	ng/ul	0.00
76) Pyrene-d10	20.00	212	1085902	21.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.13	264	1085130	21.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	23786	8.13	ng/uL#	89
4) Benzaldehyde	7.42	77	183586	21.80	ng/ul	100
6) Phenol	7.43	94	252382	20.78	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.69	93	181758	20.33	ng/ul	97
10) 2-Chlorophenol	7.84	128	167519	20.06	ng/ul	88
11) 2-Methylphenol	8.70	108	182575	20.29	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.81	45	329943	18.48	ng/ul	99
14) Acetophenone	9.11	105	305098	21.24	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.08	70	178340	20.58	ng/ul	91
16) 4-Methylphenol	9.03	108	203933	21.37	ng/ul	89
17) Hexachloroethane	9.37	117	74832	19.37	ng/ul	94
20) Nitrobenzene	9.50	77	274410	21.17	ng/ul	94
21) Isophorone	10.01	82	488705	20.75	ng/ul	97
23) 2-Nitrophenol	10.21	139	112263	22.48	ng/ul	88
24) 2,4-Dimethylphenol	10.25	107	251752	20.46	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.49	93	259970	20.13	ng/ul	95
27) 2,4-Dichlorophenol	10.74	162	209573	21.91	ng/ul	98
28) Naphthalene	11.16	128	599171	21.56	ng/ul	97
30) 4-Chloroaniline	11.26	127	240738	22.63	ng/ul	97
31) Hexachlorobutadiene	11.43	225	167949	21.92	ng/ul#	86
32) Caprolactam	12.02	113	72721	19.99	ng/ul	87
33) 4-Chloro-3-methylphenol	12.35	107	248890	21.26	ng/ul	96
34) 2-Methylnaphthalene	12.74	142	468893	21.23	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.10	216	324743	23.37 ng/ul	92
37) Hexachlorocyclopentadiene	13.07	237	198338	19.46 ng/ul	99
38) 2,4,6-Trichlorophenol	13.33	196	188985	20.97 ng/ul	95
39) 2,4,5-Trichlorophenol	13.40	196	216147	21.83 ng/ul	95
40) 1,1'-Biphenyl	13.73	154	644300	21.11 ng/ul	98
41) 2-Chloronaphthalene	13.78	162	513033	21.45 ng/ul	96
42) 2-Nitroaniline	13.98	65	198106	21.76 ng/ul	99
44) Dimethylphthalate	14.34	163	667673	20.69 ng/ul	96
45) 2,6-Dinitrotoluene	14.47	165	145612	23.26 ng/ul#	94
47) Acenaphthylene	14.62	152	781292	21.54 ng/ul	99
48) 3-Nitroaniline	14.80	138	132070	22.33 ng/ul#	89
49) Acenaphthene	14.96	153	539152	20.80 ng/ul	98
50) 2,4-Dinitrophenol	15.00	184	85383	20.33 ng/ul#	81
52) 4-Nitrophenol	15.08	109	140133	19.82 ng/ul	94
53) Dibenzofuran	15.29	168	806839	21.15 ng/ul	100
54) 2,4-Dinitrotoluene	15.24	165	202473	21.83 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.51	232	215087	22.13 ng/ul	97
56) Diethylphthalate	15.68	149	663315	19.50 ng/ul	95
58) Fluorene	15.94	166	661500	20.97 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.92	204	360437	20.59 ng/ul	88
60) 4-Nitroaniline	15.95	138	131840	19.36 ng/ul	86
63) 4,6-Dinitro-2-methylphenol	16.00	198	135670	22.69 ng/ul#	97
64) N-Nitrosodiphenylamine	16.14	169	578010	21.53 ng/ul	93
65) 4-Bromophenyl-phenylether	16.82	248	247437	22.51 ng/ul	89
66) Hexachlorobenzene	16.93	284	283627	23.12 ng/ul	97
67) Atrazine	17.07	200	251101	22.87 ng/ul	97
68) Pentachlorophenol	17.28	266	161215	21.62 ng/ul	93
69) Phenanthrene	17.68	178	1030134	21.49 ng/ul	99
71) Anthracene	17.77	178	1057711	21.68 ng/ul	99
72) Carbazole	18.03	167	872200	22.78 ng/ul	97
73) Di-n-butylphthalate	18.57	149	1035317	22.11 ng/ul	99
74) Fluoranthene	19.67	202	1212251	25.04 ng/ul	99
77) Pyrene	20.03	202	1208164	20.50 ng/ul	98
78) Butylbenzylphthalate	20.90	149	481858	20.35 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.82	252	453822	22.09 ng/ul#	96
80) Benzo(a)anthracene	21.91	228	1306043	21.33 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.78	149	680312	20.31 ng/ul	97
82) Chrysene	21.98	228	1224612	21.01 ng/ul	98
84) Di-n-octyl phthalate	23.06	149	1157328	22.23 ng/ul	100
85) Benzo(b)fluoranthene	24.27	252	1290743	20.95 ng/ul	98
86) Benzo(k)fluoranthene	24.34	252	1251956	21.10 ng/ul	98
88) Benzo(a)pyrene	25.21	252	1251993	21.34 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.32	276	1532039	22.04 ng/ul	99
90) Dibenzo(a,h)anthracene	29.38	278	1293329	22.00 ng/ul	94
91) Benzo(g,h,i)perylene	30.56	276	1252402	21.43 ng/ul	97

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

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