Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG063016\
Data File : BG022754.D
Acq On : 1 Jul 2016 9:00
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02009

Quant Time: Jul 01 15:35:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 01 08:12:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	103577	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	464454	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	364389	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	938524	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	1082734	20.00	ng/ul	-0.01
83) Perylene-d12	25.21	264	1112874	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	13342	7.20	ng/uL	0.00
5) Phenol-d5	7.31	99	193051	17.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	116132	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	127534	17.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	149871	17.71	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	66911	18.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	75498	16.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	164420	17.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	152673	19.30	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	546087	18.45	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	627482	18.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	91425	19.67	ng/ul	0.00
57) Fluorene-d10	15.79	176	522672	18.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	98633	16.34	ng/ul	0.00
70) Anthracene-d10	17.65	188	818357	18.76	ng/ul	0.00
76) Pyrene-d10	19.93	212	985185	19.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.98	264	936548	17.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	17766	8.18	ng/uL#	77
4) Benzaldehyde	7.29	77	136365	19.69	ng/ul#	81
6) Phenol	7.34	94	199867	17.91	ng/ul#	60
8) Bis(2-Chloroethyl)ether	7.57	93	145281	19.04	ng/ul	95
10) 2-Chlorophenol	7.72	128	129611	17.51	ng/ul#	81
11) 2-Methylphenol	8.60	108	147867	17.64	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.70	45	159400	18.58	ng/ul	95
14) Acetophenone	8.98	105	246138	18.01	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.96	70	139792	17.02	ng/ul#	77
16) 4-Methylphenol	8.92	108	163043	17.49	ng/ul	99
17) Hexachloroethane	9.25	117	60651	19.24	ng/ul#	74
20) Nitrobenzene	9.37	77	207963	18.26	ng/ul#	84
21) Isophorone	9.89	82	372928	18.36	ng/ul#	93
23) 2-Nitrophenol	10.09	139	86171	18.18	ng/ul#	47
24) 2,4-Dimethylphenol	10.14	107	203087	17.90	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.38	93	207408	17.30	ng/ul#	95
27) 2,4-Dichlorophenol	10.63	162	166320	17.71	ng/ul	95
28) Naphthalene	11.03	128	436435	18.38	ng/ul	98
30) 4-Chloroaniline	11.14	127	148689	18.40	ng/ul	96
31) Hexachlorobutadiene	11.32	225	133482	18.45	ng/ul	93
32) Caprolactam	11.90	113	55986	17.87	ng/ul#	62
33) 4-Chloro-3-methylphenol	12.26	107	210020	17.68	ng/ul#	82
34) 2-Methylnaphthalene	12.63	142	356992	18.17	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	13.00	216	250806	18.41 ng/ul#	96
37) Hexachlorocyclopentadiene	12.97	237	143164	17.41 ng/ul	97
38) 2,4,6-Trichlorophenol	13.24	196	170067	18.10 ng/ul	97
39) 2,4,5-Trichlorophenol	13.31	196	180708	18.28 ng/ul	97
40) 1,1'-Biphenyl	13.63	154	491263	17.73 ng/ul#	96
41) 2-Chloronaphthalene	13.68	162	396336	17.66 ng/ul	99
44) Dimethylphthalate	14.24	163	561194	18.57 ng/ul	99
45) 2,6-Dinitrotoluene	14.37	165	121574	18.58 ng/ul#	81
47) Acenaphthylene	14.52	152	633496	18.55 ng/ul	98
48) 3-Nitroaniline	14.70	138	99531	19.46 ng/ul#	43
49) Acenaphthene	14.86	153	422372	18.20 ng/ul	97
52) 4-Nitrophenol	15.01	109	118453	20.04 ng/ul#	52
53) Dibenzofuran	15.19	168	680690	18.99 ng/ul	89
54) 2,4-Dinitrotoluene	15.15	165	173715	18.36 ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.42	232	184960	18.38 ng/ul	92
56) Diethylphthalate	15.60	149	575805	18.75 ng/ul	96
58) Fluorene	15.85	166	536907	18.64 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.83	204	317665	18.41 ng/ul	97
60) 4-Nitroaniline	15.86	138	119986	19.53 ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.92	198	105335	16.47 ng/ul#	90
64) N-Nitrosodiphenylamine	16.05	169	506357	18.32 ng/ul	92
65) 4-Bromophenyl-phenylether	16.73	248	223871	17.83 ng/ul	96
66) Hexachlorobenzene	16.85	284	244488	18.40 ng/ul	93
67) Atrazine	16.99	200	214847	18.64 ng/ul	97
68) Pentachlorophenol	17.20	266	126993	16.62 ng/ul	95
69) Phenanthrene	17.59	178	923988	19.25 ng/ul	97
71) Anthracene	17.69	178	944711	19.15 ng/ul	99
72) Carbazole	17.96	167	770045	21.09 ng/ul	98
73) Di-n-butylphthalate	18.50	149	955011	20.38 ng/ul#	97
74) Fluoranthene	19.59	202	1138180	22.76 ng/ul#	85
77) Pyrene	19.96	202	1147069	18.93 ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.74	252	411171	20.05 ng/ul#	95
80) Benzo(a)anthracene	21.83	228	1210615	19.06 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.71	149	592174	19.52 ng/ul#	97
82) Chrysene	21.90	228	1087514	18.81 ng/ul	98
84) Di-n-octyl phthalate	22.97	149	1009339	20.58 ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	1222818	17.58 ng/ul#	91
86) Benzo(k)fluoranthene	24.21	252	1241451	19.00 ng/ul#	87
88) Benzo(a)pyrene	25.05	252	1183513	17.91 ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.06	276	1331593	19.06 ng/ul#	80
90) Dibenzo(a,h)anthracene	29.12	278	590930	10.23 ng/ul#	87
91) Benzo(g,h,i)perylene	30.26	276	1098948	20.07 ng/ul#	78

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

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