Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG021016\
Data File : BG020848.D
Acq On : 10 Feb 2016 19:58
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02026

Quant Time: Feb 11 04:07:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 11 04:03:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	20985	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	106687	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	61854	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	125500	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	117501	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	107674	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	3240	7.50	ng/uL	0.00
5) Phenol-d5	7.41	99	41391	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	21556	19.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	33595	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	35807	19.38	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	17725	20.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	18199	21.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	33783	20.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	47783	21.90	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	101017	18.98	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	134213	20.64	ng/ul	0.00
52) 4-Nitrophenol-d4	15.06	143	19375	18.18	ng/ul	0.00
58) Fluorene-d10	15.87	176	90370	19.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	11512	18.93	ng/ul	0.00
71) Anthracene-d10	17.72	188	125318	20.21	ng/ul	0.00
79) Pyrene-d10	19.99	212	122092	20.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	119402	20.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	3838	7.34	ng/uL	97
4) Benzaldehyde	7.40	77	26796	22.80	ng/ul	96
6) Phenol	7.44	94	44256	19.67	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.68	93	33966	19.70	ng/ul	98
10) 2-Chlorophenol	7.83	128	34453	20.15	ng/ul	100
11) 2-Methylphenol	8.70	108	34881	19.60	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.80	45	35356	19.75	ng/ul	98
14) Acetophenone	9.09	105	55224	19.77	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.07	70	26890	19.02	ng/ul	96
16) 4-Methylphenol	9.03	108	39479	19.99	ng/ul	98
17) Hexachloroethane	9.37	117	12819	20.10	ng/ul	94
20) Nitrobenzene	9.48	77	36903	20.55	ng/ul	100
21) Isophorone	10.00	82	75966	18.92	ng/ul	98
23) 2-Nitrophenol	10.20	139	20402	20.46	ng/ul	96
24) 2,4-Dimethylphenol	10.25	107	39430	19.77	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.49	93	50202	19.71	ng/ul	97
27) 2,4-Dichlorophenol	10.73	162	35189	20.47	ng/ul	98
28) Naphthalene	11.15	128	121737	20.55	ng/ul	99
30) 4-Chloroaniline	11.25	127	50911	22.07	ng/ul	95
31) Hexachlorobutadiene	11.43	225	17297	21.10	ng/ul	99
32) Caprolactam	12.00	113	12618	18.10	ng/ul	94
33) 4-Chloro-3-methylphenol	12.34	107	39385	19.61	ng/ul	94
34) 2-Methylnaphthalene	12.73	142	91832	20.48	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	86069	20.26	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	38424	21.79	ng/ul	97
38) Hexachlorocyclopentadiene	13.07	237	17701	18.40	ng/ul	93
39) 2,4,6-Trichlorophenol	13.32	196	27130	21.27	ng/ul	98
40) 2,4,5-Trichlorophenol	13.39	196	29451	20.87	ng/ul	98
41) 1,1'-Biphenyl	13.72	154	115024	21.01	ng/ul	99
42) 2-Chloronaphthalene	13.77	162	85391	21.16	ng/ul	95
43) 2-Nitroaniline	13.96	65	21588	19.67	ng/ul	94
45) Dimethylphthalate	14.33	163	105849	19.10	ng/ul	99
46) 2,6-Dinitrotoluene	14.45	165	21357	19.61	ng/ul	100
48) Acenaphthylene	14.61	152	147683	20.70	ng/ul	99
49) 3-Nitroaniline	14.78	138	25172	20.51	ng/ul	98
50) Acenaphthene	14.95	153	103071	20.68	ng/ul	98
51) 2,4-Dinitrophenol	14.98	184	7593	17.80	ng/ul	98
53) 4-Nitrophenol	15.07	109	10896	17.94	ng/ul	96
54) Dibenzofuran	15.28	168	131427	20.31	ng/ul	98
55) 2,4-Dinitrotoluene	15.23	165	29753	19.69	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.50	232	23412	19.14	ng/ul	99
57) Diethylphthalate	15.68	149	109190	18.70	ng/ul	98
59) Fluorene	15.93	166	112302	19.95	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.91	204	47931	19.94	ng/ul	98
61) 4-Nitroaniline	15.94	138	27287	19.63	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.99	198	13037	19.05	ng/ul	99
65) N-Nitrosodiphenylamine	16.12	169	90263	20.95	ng/ul	99
66) 4-Bromophenyl-phenylether	16.81	248	28293	20.99	ng/ul	98
67) Hexachlorobenzene	16.92	284	31063	20.92	ng/ul	98
68) Atrazine	17.06	200	28440	20.39	ng/ul	98
69) Pentachlorophenol	17.27	266	17163	19.64	ng/ul	96
70) Phenanthrene	17.66	178	161567	20.43	ng/ul	99
72) Anthracene	17.75	178	162503	20.41	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	36234	23.28	ng/uL	97
74) Pentachlorobenzene	15.20	250	35529	22.44	ng/uL	96
75) Carbazole	18.02	167	143785	20.56	ng/ul	100
76) Di-n-butylphthalate	18.56	149	183538	20.41	ng/ul	100
77) Fluoranthene	19.66	202	168638	20.60	ng/ul	97
80) Pyrene	20.01	202	174409	20.55	ng/ul	99
81) Butylbenzylphthalate	20.88	149	80960	20.55	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.79	252	52997	20.95	ng/ul	99
83) Benzo(a)anthracene	21.89	228	154573	20.18	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	119589	20.03	ng/ul	100
85) Chrysene	21.95	228	143858	20.38	ng/ul	100
87) Di-n-octyl phthalate	23.04	149	197740	20.38	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	147071	20.05	ng/ul	97
89) Benzo(k)fluoranthene	24.29	252	143545	20.50	ng/ul	99
91) Benzo(a)pyrene	25.13	252	141122	20.34	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.17	276	165605	20.69	ng/ul	99
93) Dibenzo(a,h)anthracene	29.24	278	135096	20.60	ng/ul	100
94) Benzo(g,h,i)perylene	30.39	276	132908	20.31	ng/ul	98

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

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