Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
Data File : BG020820.D
Acq On : 9 Feb 2016 16:48
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02022

Quant Time: Feb 10 00:18:10 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 10 00:13:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	18948	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	99335	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	60817	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	133468	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	122490	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	114395	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	3131	8.02	ng/uL	0.00
5) Phenol-d5	7.40	99	36656	19.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	20312	19.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	29330	19.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	32132	19.26	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	15549	19.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	15631	19.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	29455	19.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	44464	21.88	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	101925	19.48	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	126789	19.83	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	20859	19.91	ng/ul	0.00
58) Fluorene-d10	15.87	176	88878	19.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	11783	18.22	ng/ul	0.00
71) Anthracene-d10	17.72	188	128694	19.52	ng/ul	0.00
79) Pyrene-d10	19.98	212	125996	20.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	124035	19.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	3608	7.64	ng/uL	96
4) Benzaldehyde	7.40	77	23625	22.27	ng/ul	96
6) Phenol	7.43	94	39299	19.34	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.67	93	30964	19.89	ng/ul	97
10) 2-Chlorophenol	7.83	128	30432	19.71	ng/ul	99
11) 2-Methylphenol	8.70	108	30718	19.11	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.80	45	32106	19.86	ng/ul	97
14) Acetophenone	9.10	105	50370	19.97	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.07	70	25806	20.22	ng/ul	93
16) 4-Methylphenol	9.03	108	34899	19.57	ng/ul	93
17) Hexachloroethane	9.37	117	11219	19.48	ng/ul	97
20) Nitrobenzene	9.48	77	33351	19.95	ng/ul	99
21) Isophorone	10.01	82	72730	19.46	ng/ul	98
23) 2-Nitrophenol	10.19	139	18082	19.48	ng/ul	96
24) 2,4-Dimethylphenol	10.24	107	36074	19.42	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.48	93	46053	19.41	ng/ul	98
27) 2,4-Dichlorophenol	10.73	162	31308	19.56	ng/ul	98
28) Naphthalene	11.15	128	108053	19.59	ng/ul	99
30) 4-Chloroaniline	11.25	127	47551	22.14	ng/ul	97
31) Hexachlorobutadiene	11.43	225	14625	19.16	ng/ul	97
32) Caprolactam	12.00	113	12879	19.84	ng/ul	97
33) 4-Chloro-3-methylphenol	12.34	107	37201	19.89	ng/ul	98
34) 2-Methylnaphthalene	12.73	142	82833	19.84	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	78068	19.74	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	34837	20.09	ng/ul	97
38) Hexachlorocyclopentadiene	13.07	237	17753	18.77	ng/ul	95
39) 2,4,6-Trichlorophenol	13.32	196	24809	19.78	ng/ul	98
40) 2,4,5-Trichlorophenol	13.39	196	27269	19.65	ng/ul	99
41) 1,1'-Biphenyl	13.72	154	107398	19.95	ng/ul	99
42) 2-Chloronaphthalene	13.77	162	77940	19.64	ng/ul	96
43) 2-Nitroaniline	13.96	65	21527	19.95	ng/ul	98
45) Dimethylphthalate	14.32	163	105893	19.43	ng/ul	98
46) 2,6-Dinitrotoluene	14.45	165	21648	20.22	ng/ul	98
48) Acenaphthylene	14.61	152	139867	19.94	ng/ul	98
49) 3-Nitroaniline	14.78	138	25256	20.93	ng/ul	100
50) Acenaphthene	14.95	153	97833	19.97	ng/ul	95
51) 2,4-Dinitrophenol	14.98	184	7233	17.25	ng/ul#	88
53) 4-Nitrophenol	15.06	109	11829	19.81	ng/ul	95
54) Dibenzofuran	15.28	168	127354	20.02	ng/ul	100
55) 2,4-Dinitrotoluene	15.23	165	29602	19.93	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.49	232	23407	19.46	ng/ul	97
57) Diethylphthalate	15.68	149	113187	19.71	ng/ul	100
59) Fluorene	15.93	166	109482	19.78	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.91	204	47182	19.96	ng/ul	97
61) 4-Nitroaniline	15.93	138	28143	20.59	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.99	198	13644	18.75	ng/ul	99
65) N-Nitrosodiphenylamine	16.12	169	90534	19.76	ng/ul	98
66) 4-Bromophenyl-phenylether	16.80	248	28453	19.85	ng/ul	96
67) Hexachlorobenzene	16.93	284	31008	19.63	ng/ul	99
68) Atrazine	17.06	200	29229	19.70	ng/ul	96
69) Pentachlorophenol	17.26	266	17942	19.31	ng/ul	95
70) Phenanthrene	17.66	178	168360	20.01	ng/ul	99
72) Anthracene	17.75	178	167345	19.77	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	33227	20.07	ng/uL	99
74) Pentachlorobenzene	15.20	250	33519	19.90	ng/uL	99
75) Carbazole	18.02	167	147600	19.85	ng/ul	98
76) Di-n-butylphthalate	18.56	149	188743	19.73	ng/ul	99
77) Fluoranthene	19.65	202	171879	19.75	ng/ul	99
80) Pyrene	20.01	202	177822	20.10	ng/ul	97
81) Butylbenzylphthalate	20.89	149	80519	19.61	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.79	252	54974	20.85	ng/ul	97
83) Benzo(a)anthracene	21.88	228	159176	19.93	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	123033	19.77	ng/ul	99
85) Chrysene	21.95	228	145606	19.79	ng/ul	98
87) Di-n-octyl phthalate	23.04	149	203894	19.78	ng/ul	100
88) Benzo(b)fluoranthene	24.20	252	152125	19.52	ng/ul	99
89) Benzo(k)fluoranthene	24.28	252	148449	19.95	ng/ul	98
91) Benzo(a)pyrene	25.13	252	144600	19.61	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.17	276	169971	19.99	ng/ul	99
93) Dibenzo(a,h)anthracene	29.24	278	136963	19.66	ng/ul	99
94) Benzo(g,h,i)perylene	30.38	276	138369	19.90	ng/ul	99

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

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