Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020421.D
Acq On : 23 Dec 2015 00:14
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02019

Quant Time: Dec 23 04:18:46 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 04:11:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	16843	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	79459	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	61192	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	158065	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	196468	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	189795	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	2260	7.41	ng/uL	0.00
5) Phenol-d5	7.24	99	29198	19.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	17163	19.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	22980	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	26285	20.69	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	12701	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	15254	22.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	29827	21.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	35587	22.69	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	105787	21.37	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	118125	20.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	17264	19.45	ng/ul	0.00
58) Fluorene-d10	15.71	176	90081	20.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	19189	20.48	ng/ul	0.00
71) Anthracene-d10	17.56	188	150104	20.61	ng/ul	0.00
79) Pyrene-d10	19.84	212	171110	18.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	196605	20.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	3201	7.10	ng/uL	88
4) Benzaldehyde	7.22	77	19663	20.45	ng/ul	96
6) Phenol	7.27	94	31574	19.85	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.49	93	21756	19.94	ng/ul	97
10) 2-Chlorophenol	7.65	128	24005	21.22	ng/ul	97
11) 2-Methylphenol	8.53	108	25341	20.89	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.62	45	29676	18.88	ng/ul	99
14) Acetophenone	8.91	105	42643	21.44	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.89	70	22789	21.64	ng/ul	95
16) 4-Methylphenol	8.86	108	28288	21.06	ng/ul	96
17) Hexachloroethane	9.17	117	9141	19.23	ng/ul	100
20) Nitrobenzene	9.30	77	31344	19.09	ng/ul	98
21) Isophorone	9.81	82	65502	20.90	ng/ul	99
23) 2-Nitrophenol	10.01	139	15938	21.57	ng/ul	97
24) 2,4-Dimethylphenol	10.07	107	34407	20.50	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.30	93	35095	20.67	ng/ul	97
27) 2,4-Dichlorophenol	10.55	162	30319	21.14	ng/ul	94
28) Naphthalene	10.95	128	86656	20.88	ng/ul	99
30) 4-Chloroaniline	11.06	127	36455	22.77	ng/ul	98
31) Hexachlorobutadiene	11.23	225	22549	21.09	ng/ul	96
32) Caprolactam	11.82	113	11089	21.91	ng/ul	89
33) 4-Chloro-3-methylphenol	12.18	107	34617	20.31	ng/ul	88
34) 2-Methylnaphthalene	12.55	142	67059	21.16	ng/ul	96

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35) 1-Methylnaphthalene	12.77	142	63934	20.98	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	48590	21.16	ng/ul	99
38) Hexachlorocyclopentadiene	12.89	237	21029	14.81	ng/ul	99
39) 2,4,6-Trichlorophenol	13.16	196	30063	20.41	ng/ul	98
40) 2,4,5-Trichlorophenol	13.23	196	34232	20.90	ng/ul	96
41) 1,1'-Biphenyl	13.55	154	95432	20.67	ng/ul	97
42) 2-Chloronaphthalene	13.60	162	75753	20.50	ng/ul	97
43) 2-Nitroaniline	13.80	65	23375	18.60	ng/ul	92
45) Dimethylphthalate	14.16	163	107164	21.20	ng/ul	97
46) 2,6-Dinitrotoluene	14.29	165	22536	21.55	ng/ul	95
48) Acenaphthylene	14.44	152	125493	20.51	ng/ul	98
49) 3-Nitroaniline	14.62	138	21558	21.24	ng/ul	89
50) Acenaphthene	14.78	153	85120	20.68	ng/ul	100
51) 2,4-Dinitrophenol	14.83	184	9221	15.49	ng/ul	97
53) 4-Nitrophenol	14.94	109	14682	17.19	ng/ul	92
54) Dibenzofuran	15.11	168	123691	20.20	ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	32458	21.15	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.34	232	31661	20.11	ng/ul#	93
57) Diethylphthalate	15.53	149	105463	20.10	ng/ul	98
59) Fluorene	15.77	166	99835	20.30	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.75	204	57377	20.69	ng/ul	92
61) 4-Nitroaniline	15.78	138	21679	19.75	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.84	198	19021	18.91	ng/ul#	95
65) N-Nitrosodiphenylamine	15.97	169	88841	20.22	ng/ul	98
66) 4-Bromophenyl-phenylether	16.65	248	40207	21.67	ng/ul	96
67) Hexachlorobenzene	16.77	284	42998	21.58	ng/ul	93
68) Atrazine	16.91	200	38138	20.35	ng/ul	97
69) Pentachlorophenol	17.12	266	20136	16.76	ng/ul	94
70) Phenanthrene	17.51	178	175388	20.29	ng/ul	99
72) Anthracene	17.60	178	177950	20.29	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.52	216	53478	21.60	ng/uL	99
74) Pentachlorobenzene	15.04	250	74686	32.52	ng/uL#	59
75) Carbazole	17.86	167	152301	20.67	ng/ul	100
76) Di-n-butylphthalate	18.41	149	177800	20.77	ng/ul	99
77) Fluoranthene	19.51	202	219031	21.68	ng/ul	97
80) Pyrene	19.87	202	224096	18.85	ng/ul	97
81) Butylbenzylphthalate	20.75	149	81315	19.68	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.63	252	83183	23.17	ng/ul	97
83) Benzo(a)anthracene	21.72	228	239674	20.91	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	119265	20.19	ng/ul	99
85) Chrysene	21.78	228	221765	20.54	ng/ul	99
87) Di-n-octyl phthalate	22.83	149	201747	19.35	ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	234300	20.51	ng/ul	96
89) Benzo(k)fluoranthene	24.03	252	219867	20.06	ng/ul	100
91) Benzo(a)pyrene	24.85	252	222878	20.58	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.73	276	271543	21.06	ng/ul	93
93) Dibenzo(a,h)anthracene	28.80	278	226361	21.15	ng/ul#	97
94) Benzo(g,h,i)perylene	29.90	276	222746	21.07	ng/ul	97

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

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