Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020434.D
Acq On : 23 Dec 2015 8:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02020

Quant Time: Dec 23 09:34:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20351	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.90	136	91839	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.72	164	69065	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	174073	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	213929	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	203925	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	2675	7.26	ng/uL	-0.01
5) Phenol-d5	7.24	99	34177	19.05	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.40	67	20076	18.75	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.61	132	27076	20.74	ng/ul	-0.02
13) 4-Methylphenol-d8	8.79	113	30041	19.57	ng/ul	-0.02
19) Nitrobenzene-d5	9.25	128	14408	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	17499	21.97	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.52	165	34203	21.20	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.03	131	39942	22.04	ng/ul	-0.01
44) Dimethylphthalate-d6	14.11	166	111614	19.98	ng/ul	-0.01
47) Acenaphthylene-d8	14.41	160	131863	20.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	17296	17.26	ng/ul	-0.01
58) Fluorene-d10	15.71	176	102057	20.14	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.83	200	19754	19.14	ng/ul	0.00
71) Anthracene-d10	17.56	188	163204	20.35	ng/ul	0.00
79) Pyrene-d10	19.84	212	189972	19.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	211613	20.80	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	3104	5.70	ng/uL	95
4) Benzaldehyde	7.22	77	22588	19.44	ng/ul	98
6) Phenol	7.27	94	37146	19.33	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.50	93	26398	20.02	ng/ul	94
10) 2-Chlorophenol	7.64	128	28128	20.58	ng/ul	94
11) 2-Methylphenol	8.53	108	29164	19.89	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.61	45	34089	17.95	ng/ul	97
14) Acetophenone	8.91	105	47697	19.85	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.89	70	25330	19.91	ng/ul	93
16) 4-Methylphenol	8.85	108	32288	19.90	ng/ul	98
17) Hexachloroethane	9.17	117	11569	20.14	ng/ul	97
20) Nitrobenzene	9.30	77	36761	19.38	ng/ul	99
21) Isophorone	9.81	82	71042	19.62	ng/ul	99
23) 2-Nitrophenol	10.01	139	18209	21.32	ng/ul	97
24) 2,4-Dimethylphenol	10.07	107	39076	20.15	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.29	93	39224	19.99	ng/ul	99
27) 2,4-Dichlorophenol	10.55	162	35137	21.20	ng/ul	96
28) Naphthalene	10.95	128	98690	20.58	ng/ul	98
30) 4-Chloroaniline	11.06	127	40552	21.92	ng/ul	99
31) Hexachlorobutadiene	11.23	225	26283	21.27	ng/ul	98
32) Caprolactam	11.82	113	11395	19.48	ng/ul	96
33) 4-Chloro-3-methylphenol	12.17	107	38643	19.62	ng/ul	92
34) 2-Methylnaphthalene	12.55	142	75430	20.59	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.77	142	71389	20.27 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	54828	21.15 ng/ul	97
38) Hexachlorocyclopentadiene	12.89	237	14685	9.17 ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	33607	20.21 ng/ul	99
40) 2,4,5-Trichlorophenol	13.23	196	35987	19.47 ng/ul	97
41) 1,1'-Biphenyl	13.55	154	105681	20.28 ng/ul	97
42) 2-Chloronaphthalene	13.60	162	85219	20.43 ng/ul	98
43) 2-Nitroaniline	13.80	65	25384	17.90 ng/ul	86
45) Dimethylphthalate	14.16	163	113006	19.81 ng/ul	99
46) 2,6-Dinitrotoluene	14.29	165	24406	20.68 ng/ul	98
48) Acenaphthylene	14.44	152	136987	19.84 ng/ul	100
49) 3-Nitroaniline	14.62	138	24097	21.03 ng/ul	88
50) Acenaphthene	14.78	153	92294	19.87 ng/ul	98
51) 2,4-Dinitrophenol	14.83	184	10689	15.91 ng/ul#	89
53) 4-Nitrophenol	14.94	109	15443	16.02 ng/ul	92
54) Dibenzofuran	15.11	168	139927	20.25 ng/ul	97
55) 2,4-Dinitrotoluene	15.08	165	35221	20.33 ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.34	232	34420	19.37 ng/ul	98
57) Diethylphthalate	15.52	149	117035	19.77 ng/ul	98
59) Fluorene	15.76	166	112238	20.22 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.75	204	64994	20.77 ng/ul	94
61) 4-Nitroaniline	15.78	138	24254	19.58 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.84	198	20781	18.76 ng/ul#	100
65) N-Nitrosodiphenylamine	15.96	169	102107	21.10 ng/ul	97
66) 4-Bromophenyl-phenylether	16.65	248	44175	21.62 ng/ul	99
67) Hexachlorobenzene	16.76	284	47887	21.82 ng/ul#	89
68) Atrazine	16.91	200	42950	20.81 ng/ul	99
69) Pentachlorophenol	17.12	266	20747	15.68 ng/ul	96
70) Phenanthrene	17.50	178	191537	20.12 ng/ul	99
72) Anthracene	17.60	178	197874	20.49 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.52	216	59239	21.73 ng/uL	95
74) Pentachlorobenzene	15.04	250	55909	22.10 ng/uL	96
75) Carbazole	17.86	167	166762	20.55 ng/ul	99
76) Di-n-butylphthalate	18.41	149	191001	20.26 ng/ul	99
77) Fluoranthene	19.51	202	240273	21.59 ng/ul	98
80) Pyrene	19.87	202	245347	18.95 ng/ul	99
81) Butylbenzylphthalate	20.75	149	88280	19.62 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.63	252	89922	23.01 ng/ul	96
83) Benzo(a)anthracene	21.72	228	256200	20.52 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	127428	19.81 ng/ul	99
85) Chrysene	21.79	228	240459	20.45 ng/ul	99
87) Di-n-octyl phthalate	22.83	149	216574	19.33 ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	248392	20.24 ng/ul	95
89) Benzo(k)fluoranthene	24.03	252	244642	20.77 ng/ul	99
91) Benzo(a)pyrene	24.85	252	240697	20.69 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.73	276	278870	20.13 ng/ul	97
93) Dibenzo(a,h)anthracene	28.80	278	234471	20.39 ng/ul	98
94) Benzo(g,h,i)perylene	29.91	276	222030	19.55 ng/ul	99

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

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