Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023455.D
Acq On : 4 Aug 2016 17:08
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02007

Quant Time: Aug 04 17:41:22 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 17:27:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	106579	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	494095	20.00	ng/ul	-0.03
35) Acenaphthene-d10	14.79	164	374765	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.54	188	998307	20.00	ng/ul	-0.03
75) Chrysene-d12	21.86	240	989491	20.00	ng/ul	-0.04
83) Perylene-d12	25.24	264	935889	20.00	ng/ul	-0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	19971	7.97	ng/uL	-0.02
5) Phenol-d5	7.27	99	224277	20.89	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	147368	21.42	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.65	132	153148	20.91	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	175547	20.94	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	78104	20.05	ng/ul	-0.03
22) 2-Nitrophenol-d4	10.02	143	97024	21.69	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.57	165	187073	22.17	ng/ul	-0.03
29) 4-Chloroaniline-d4	11.08	131	231662	23.40	ng/ul	-0.03
43) Dimethylphthalate-d6	14.17	166	658025	21.44	ng/ul	-0.03
46) Acenaphthylene-d8	14.47	160	744029	21.54	ng/ul	-0.03
51) 4-Nitrophenol-d4	14.99	143	113639	21.69	ng/ul	-0.02
57) Fluorene-d10	15.78	176	600918	21.20	ng/ul	-0.03
62) 4,6-Dinitro-2-methylphenol	15.90	200	135851	21.21	ng/ul	-0.02
70) Anthracene-d10	17.64	188	956681	21.27	ng/ul	-0.03
76) Pyrene-d10	19.93	212	1079932	21.56	ng/ul	-0.03
87) Benzo(a)pyrene-d12	25.00	264	915308	21.61	ng/ul	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	23885	9.08	ng/uL#	77
4) Benzaldehyde	7.25	77	152524	23.31	ng/ul#	79
6) Phenol	7.30	94	236912	21.19	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.53	93	170533	21.01	ng/ul	89
10) 2-Chlorophenol	7.68	128	153930	20.63	ng/ul#	84
11) 2-Methylphenol	8.56	108	174074	20.67	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.65	45	241315	21.73	ng/ul	97
14) Acetophenone	8.95	105	294556	21.91	ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.92	70	172621	21.34	ng/ul#	89
16) 4-Methylphenol	8.90	108	197046	20.88	ng/ul	84
17) Hexachloroethane	9.21	117	63067	19.59	ng/ul#	75
20) Nitrobenzene	9.33	77	243924	21.37	ng/ul#	87
21) Isophorone	9.86	82	460642	21.94	ng/ul#	93
23) 2-Nitrophenol	10.05	139	101998	21.12	ng/ul#	67
24) 2,4-Dimethylphenol	10.11	107	229755	21.68	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.34	93	256750	21.20	ng/ul#	97
27) 2,4-Dichlorophenol	10.60	162	184346	21.67	ng/ul	98
28) Naphthalene	11.00	128	532193	21.22	ng/ul	99
30) 4-Chloroaniline	11.11	127	229253	23.34	ng/ul	97
31) Hexachlorobutadiene	11.28	225	121319	21.41	ng/ul	87
32) Caprolactam	11.87	113	75486	21.36	ng/ul#	50
33) 4-Chloro-3-methylphenol	12.24	107	239787	21.90	ng/ul#	83
34) 2-Methylnaphthalene	12.61	142	432483	21.26	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	244574	21.26	ng/ul	97
37) Hexachlorocyclopentadiene	12.95	237	134007	21.06	ng/ul	96
38) 2,4,6-Trichlorophenol	13.21	196	167734	21.05	ng/ul	96
39) 2,4,5-Trichlorophenol	13.29	196	184095	21.55	ng/ul	94
40) 1,1'-Biphenyl	13.61	154	589681	21.41	ng/ul	99
41) 2-Chloronaphthalene	13.66	162	460962	21.52	ng/ul	95
42) 2-Nitroaniline	14.01	65	282	0.03	ng/ul	90
44) Dimethylphthalate	14.22	163	660876	21.75	ng/ul	100
45) 2,6-Dinitrotoluene	14.36	165	138516	21.03	ng/ul#	83
47) Acenaphthylene	14.50	152	779403	21.58	ng/ul	98
48) 3-Nitroaniline	14.69	138	137511	22.20	ng/ul#	59
49) Acenaphthene	14.84	153	518822	21.08	ng/ul	99
50) 2,4-Dinitrophenol	14.90	184	86755	21.34	ng/ul#	88
52) 4-Nitrophenol	15.01	109	114189	21.76	ng/ul#	73
53) Dibenzofuran	15.18	168	786465	21.57	ng/ul	88
54) 2,4-Dinitrotoluene	15.14	165	218564	21.90	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.41	232	189869	21.63	ng/ul	97
56) Diethylphthalate	15.58	149	690522	21.74	ng/ul	97
58) Fluorene	15.83	166	649365	21.38	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	326991	21.40	ng/ul	99
60) 4-Nitroaniline	15.95	138	531	0.07	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.91	198	142045	21.13	ng/ul#	85
64) N-Nitrosodiphenylamine	16.04	169	591094	21.19	ng/ul	97
65) 4-Bromophenyl-phenylether	16.72	248	236937	20.70	ng/ul	99
66) Hexachlorobenzene	16.84	284	258785	21.22	ng/ul	94
67) Atrazine	16.99	200	250434	21.73	ng/ul	95
68) Pentachlorophenol	17.28	266	1356	0.20	ng/ul	93
69) Phenanthrene	17.59	178	1107483	21.42	ng/ul	97
71) Anthracene	17.68	178	1145664	21.72	ng/ul	98
72) Carbazole	17.95	167	1003336	23.60	ng/ul	99
73) Di-n-butylphthalate	18.49	149	1177555	22.12	ng/ul#	95
74) Fluoranthene	19.60	202	1325226	25.04	ng/ul#	94
77) Pyrene	19.96	202	1324078	21.65	ng/ul	95
78) Butylbenzylphthalate	20.84	149	513363	21.88	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.75	252	390562	22.40	ng/ul#	97
80) Benzo(a)anthracene	21.83	228	1198219	21.50	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	679597	21.78	ng/ul#	97
82) Chrysene	21.91	228	1083318	21.38	ng/ul	97
84) Di-n-octyl phthalate	22.98	149	1124688	23.79	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1176524	22.10	ng/ul#	95
86) Benzo(k)fluoranthene	24.23	252	1127768	21.52	ng/ul#	92
88) Benzo(a)pyrene	25.07	252	1105182	21.50	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.09	276	1276990	21.15	ng/ul#	88
90) Dibenzo(a,h)anthracene	29.15	278	1109285	21.54	ng/ul#	93
91) Benzo(g,h,i)perylene	30.46	276	2126	0.04	ng/ul	92

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

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