Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024284.D
Acq On : 12 Oct 2016 3:18
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02017

Quant Time: Oct 12 04:52:52 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 04:50:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	159204	20.00	ng/ul	0.00
18) Naphthalene-d8	11.12	136	685507	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	550367	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	1230993	20.00	ng/ul	0.00
75) Chrysene-d12	21.95	240	1388796	20.00	ng/ul	0.00
83) Perylene-d12	25.39	264	1407123	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	25627	7.64	ng/uL	0.00
5) Phenol-d5	7.42	99	288229	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	187768	18.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.82	132	204097	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	246337	20.51	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	104329	21.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	114856	21.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	240672	20.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	280199	22.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.30	166	784916	20.43	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	941350	21.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	148148	21.74	ng/ul	0.00
57) Fluorene-d10	15.89	176	769881	21.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	164453	22.23	ng/ul	0.00
70) Anthracene-d10	17.74	188	1159828	20.86	ng/ul	0.00
76) Pyrene-d10	20.01	212	1346106	20.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.15	264	1324062	20.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	32696	9.00	ng/uL	96
4) Benzaldehyde	7.43	77	223484	21.38	ng/ul	97
6) Phenol	7.45	94	303649	20.14	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.70	93	226292	20.39	ng/ul	98
10) 2-Chlorophenol	7.84	128	212544	20.50	ng/ul	93
11) 2-Methylphenol	8.71	108	216633	19.40	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.82	45	429015	19.36	ng/ul	98
14) Acetophenone	9.12	105	362913	20.35	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.10	70	214996	19.99	ng/ul	94
16) 4-Methylphenol	9.04	108	239650	20.24	ng/ul	90
17) Hexachloroethane	9.38	117	94842	19.78	ng/ul	90
20) Nitrobenzene	9.51	77	325965	21.17	ng/ul	93
21) Isophorone	10.03	82	569363	20.35	ng/ul	96
23) 2-Nitrophenol	10.22	139	126342	21.30	ng/ul	89
24) 2,4-Dimethylphenol	10.26	107	298546	20.43	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.51	93	311707	20.32	ng/ul#	91
27) 2,4-Dichlorophenol	10.75	162	230831	20.31	ng/ul	95
28) Naphthalene	11.17	128	665169	20.15	ng/ul	99
30) 4-Chloroaniline	11.27	127	277543	21.96	ng/ul	91
31) Hexachlorobutadiene	11.44	225	188758	20.74	ng/ul	94
32) Caprolactam	12.03	113	92409	21.39	ng/ul	83
33) 4-Chloro-3-methylphenol	12.36	107	293460	21.10	ng/ul	98
34) 2-Methylnaphthalene	12.75	142	520271	19.83	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	342961	21.13 ng/ul	95
37) Hexachlorocyclopentadiene	13.09	237	248091	20.85 ng/ul	97
38) 2,4,6-Trichlorophenol	13.34	196	217302	20.65 ng/ul	96
39) 2,4,5-Trichlorophenol	13.41	196	247254	21.38 ng/ul	95
40) 1,1'-Biphenyl	13.74	154	731329	20.52 ng/ul	98
41) 2-Chloronaphthalene	13.79	162	571326	20.45 ng/ul	97
42) 2-Nitroaniline	13.99	65	242988	22.85 ng/ul	98
44) Dimethylphthalate	14.35	163	786319	20.87 ng/ul	97
45) 2,6-Dinitrotoluene	14.47	165	160473	21.95 ng/ul	93
47) Acenaphthylene	14.64	152	878671	20.74 ng/ul	98
48) 3-Nitroaniline	14.81	138	156889	22.71 ng/ul#	87
49) Acenaphthene	14.97	153	628950	20.77 ng/ul	97
50) 2,4-Dinitrophenol	15.00	184	115122	23.47 ng/ul	91
52) 4-Nitrophenol	15.08	109	184843	22.39 ng/ul	90
53) Dibenzofuran	15.30	168	923554	20.73 ng/ul	96
54) 2,4-Dinitrotoluene	15.25	165	244315	22.55 ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.51	232	243816	21.48 ng/ul	98
56) Diethylphthalate	15.70	149	815500	20.53 ng/ul	97
58) Fluorene	15.95	166	769102	20.87 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.94	204	420894	20.58 ng/ul	91
60) 4-Nitroaniline	15.96	138	173062	21.76 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.01	198	171739	22.15 ng/ul#	96
64) N-Nitrosodiphenylamine	16.15	169	715876	20.56 ng/ul	95
65) 4-Bromophenyl-phenylether	16.83	248	290635	20.39 ng/ul#	83
66) Hexachlorobenzene	16.94	284	334754	21.04 ng/ul	100
67) Atrazine	17.08	200	306051	21.49 ng/ul	96
68) Pentachlorophenol	17.29	266	217784	22.52 ng/ul#	87
69) Phenanthrene	17.69	178	1317766	21.20 ng/ul	99
71) Anthracene	17.78	178	1313578	20.76 ng/ul	99
72) Carbazole	18.04	167	1156271	23.29 ng/ul	97
73) Di-n-butylphthalate	18.58	149	1346916	22.18 ng/ul	98
74) Fluoranthene	19.68	202	1561298	24.87 ng/ul	99
77) Pyrene	20.04	202	1536453	20.71 ng/ul	97
78) Butylbenzylphthalate	20.91	149	613140	20.57 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.83	252	578983	22.39 ng/ul	100
80) Benzo(a)anthracene	21.92	228	1595631	20.70 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.79	149	850100	20.17 ng/ul	99
82) Chrysene	21.99	228	1513228	20.63 ng/ul	98
84) Di-n-octyl phthalate	23.09	149	1444561	21.88 ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1609959	20.61 ng/ul#	98
86) Benzo(k)fluoranthene	24.36	252	1516360	20.15 ng/ul#	96
88) Benzo(a)pyrene	25.23	252	1526681	20.52 ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.35	276	1876480	21.29 ng/ul	96
90) Dibenzo(a,h)anthracene	29.41	278	1593234	21.38 ng/ul	96
91) Benzo(g,h,i)perylene	30.59	276	1551146	20.93 ng/ul	98

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

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