Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024764.D
Acq On : 14 Nov 2016 11:47
Operator : UM/SJ
Sample : SSTD02003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02003

Quant Time: Nov 14 13:05:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 14 12:59:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	114975	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	485118	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	401663	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	970701	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1258264	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1332302	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	16863	6.96	ng/uL	0.00
5) Phenol-d5	7.40	99	196064	18.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	123413	17.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	145337	19.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	160458	18.50	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	68233	19.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	86879	22.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	170286	20.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	210320	23.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	616485	21.98	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	651436	20.28	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	107079	21.53	ng/ul	0.00
57) Fluorene-d10	15.86	176	556450	20.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	131091	22.47	ng/ul	0.00
70) Anthracene-d10	17.72	188	864239	19.71	ng/ul	0.00
76) Pyrene-d10	19.99	212	1124357	19.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1178275	19.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	20424	7.79	ng/uL	88
4) Benzaldehyde	7.40	77	151453	20.06	ng/ul	94
6) Phenol	7.43	94	203183	18.66	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.67	93	145338	18.13	ng/ul	97
10) 2-Chlorophenol	7.82	128	142777	19.07	ng/ul	90
11) 2-Methylphenol	8.69	108	149679	18.56	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.78	45	250421	15.65	ng/ul	96
14) Acetophenone	9.09	105	253734	19.70	ng/ul#	93
15) N-Nitroso-di-n-propylamine	9.06	70	143521	18.48	ng/ul#	83
16) 4-Methylphenol	9.02	108	161076	18.83	ng/ul	82
17) Hexachloroethane	9.35	117	63514	18.34	ng/ul	94
20) Nitrobenzene	9.48	77	218013	20.01	ng/ul	99
21) Isophorone	9.99	82	406527	20.53	ng/ul	100
23) 2-Nitrophenol	10.19	139	89683	21.37	ng/ul	88
24) 2,4-Dimethylphenol	10.23	107	203520	19.68	ng/ul#	92
25) Bis(2-Chloroethoxy)methane	10.47	93	209264	19.28	ng/ul	99
27) 2,4-Dichlorophenol	10.73	162	165853	20.62	ng/ul	89
28) Naphthalene	11.14	128	455874	19.51	ng/ul	95
30) 4-Chloroaniline	11.24	127	203444	22.75	ng/ul	93
31) Hexachlorobutadiene	11.40	225	148839	23.11	ng/ul	91
32) Caprolactam	11.99	113	65560	21.44	ng/ul	87
33) 4-Chloro-3-methylphenol	12.34	107	205057	20.83	ng/ul	99
34) 2-Methylnaphthalene	12.73	142	360180	19.40	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	259160	21.88	ng/ul	96
37) Hexachlorocyclopentadiene	13.05	237	167505	19.29	ng/ul	97
38) 2,4,6-Trichlorophenol	13.31	196	162149	21.11	ng/ul	88
39) 2,4,5-Trichlorophenol	13.39	196	174557	20.68	ng/ul	96
40) 1,1'-Biphenyl	13.71	154	513435	19.74	ng/ul	99
41) 2-Chloronaphthalene	13.77	162	401863	19.71	ng/ul	95
42) 2-Nitroaniline	13.97	65	168867	21.76	ng/ul	96
44) Dimethylphthalate	14.32	163	585795	21.30	ng/ul#	96
45) 2,6-Dinitrotoluene	14.45	165	121039	22.69	ng/ul	94
47) Acenaphthylene	14.61	152	634094	20.51	ng/ul	97
48) 3-Nitroaniline	14.78	138	122056	24.21	ng/ul#	86
49) Acenaphthene	14.94	153	438887	19.86	ng/ul	99
50) 2,4-Dinitrophenol	14.98	184	81094	22.66	ng/ul	93
52) 4-Nitrophenol	15.08	109	133188	22.10	ng/ul	92
53) Dibenzofuran	15.28	168	690409	21.23	ng/ul	98
54) 2,4-Dinitrotoluene	15.23	165	191731	24.25	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.50	232	185818	22.43	ng/ul#	85
56) Diethylphthalate	15.67	149	609214	21.02	ng/ul	98
58) Fluorene	15.92	166	561820	20.89	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.90	204	312100	20.91	ng/ul	86
60) 4-Nitroaniline	15.95	138	131147	22.59	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.99	198	130209	21.30	ng/ul#	98
64) N-Nitrosodiphenylamine	16.12	169	525347	19.13	ng/ul	96
65) 4-Bromophenyl-phenylether	16.80	248	234581	20.87	ng/ul	93
66) Hexachlorobenzene	16.91	284	265900	21.20	ng/ul	99
67) Atrazine	17.06	200	247046	22.00	ng/ul	99
68) Pentachlorophenol	17.27	266	153630	20.15	ng/ul	88
69) Phenanthrene	17.66	178	991466	20.23	ng/ul	99
71) Anthracene	17.76	178	1010628	20.26	ng/ul	98
72) Carbazole	18.03	167	874089	22.33	ng/ul	99
73) Di-n-butylphthalate	18.55	149	1074832	22.45	ng/ul	100
74) Fluoranthene	19.66	202	1271821	25.69	ng/ul	98
77) Pyrene	20.02	202	1285030	19.12	ng/ul	99
78) Butylbenzylphthalate	20.87	149	507226	18.79	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.80	252	523999	22.36	ng/ul	97
80) Benzo(a)anthracene	21.90	228	1396029	19.99	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.76	149	703635	18.42	ng/ul	99
82) Chrysene	21.97	228	1304411	19.62	ng/ul	97
84) Di-n-octyl phthalate	23.03	149	1228785	19.66	ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	1411148	19.08	ng/ul	96
86) Benzo(k)fluoranthene	24.32	252	1345159	18.88	ng/ul	100
88) Benzo(a)pyrene	25.18	252	1378532	19.57	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.29	276	1702495	20.40	ng/ul	97
90) Dibenzo(a,h)anthracene	29.35	278	1431028	20.28	ng/ul	93
91) Benzo(g,h,i)perylene	30.53	276	1406318	20.04	ng/ul#	96

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

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