Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG101416\
Data File : BG024345.D
Acq On : 14 Oct 2016 10:04
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02026

Quant Time: Oct 14 13:20:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 14 06:45:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	143668	20.00	ng/ul	0.00
18) Naphthalene-d8	11.12	136	617011	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	495628	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	1102013	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1254097	20.00	ng/ul	0.00
83) Perylene-d12	25.39	264	1303978	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	23701	7.83	ng/uL	0.00
5) Phenol-d5	7.41	99	271778	20.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	175845	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	199044	21.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	232439	21.45	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	99477	22.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	114089	23.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	227475	21.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	253954	22.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	758807	21.93	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	875257	22.08	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	135283	22.05	ng/ul	0.00
57) Fluorene-d10	15.89	176	727975	22.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	153365	23.16	ng/ul	0.00
70) Anthracene-d10	17.74	188	1056094	21.22	ng/ul	0.00
76) Pyrene-d10	20.01	212	1236394	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1246539	21.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	25614	7.81	ng/uL#	92
4) Benzaldehyde	7.42	77	204137	21.64	ng/ul	94
6) Phenol	7.44	94	277467	20.40	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.70	93	199876	19.96	ng/ul	92
10) 2-Chlorophenol	7.84	128	189007	20.21	ng/ul	97
11) 2-Methylphenol	8.71	108	208393	20.68	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.81	45	365388	18.27	ng/ul	99
14) Acetophenone	9.11	105	338276	21.02	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.09	70	194229	20.02	ng/ul	95
16) 4-Methylphenol	9.04	108	222880	20.85	ng/ul	95
17) Hexachloroethane	9.38	117	89167	20.61	ng/ul	93
20) Nitrobenzene	9.50	77	304697	21.99	ng/ul	97
21) Isophorone	10.02	82	536169	21.29	ng/ul	98
23) 2-Nitrophenol	10.22	139	116087	21.74	ng/ul#	87
24) 2,4-Dimethylphenol	10.25	107	270623	20.57	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.50	93	288826	20.92	ng/ul	98
27) 2,4-Dichlorophenol	10.75	162	219711	21.48	ng/ul	95
28) Naphthalene	11.17	128	624363	21.01	ng/ul	97
30) 4-Chloroaniline	11.27	127	267353	23.50	ng/ul	99
31) Hexachlorobutadiene	11.43	225	178936	21.84	ng/ul#	86
32) Caprolactam	12.03	113	76986	19.80	ng/ul	89
33) 4-Chloro-3-methylphenol	12.36	107	271380	21.68	ng/ul	100
34) 2-Methylnaphthalene	12.75	142	491601	20.81	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	13.10	216	331257	22.66 ng/ul	93
37) Hexachlorocyclopentadiene	13.08	237	222869	20.80 ng/ul	99
38) 2,4,6-Trichlorophenol	13.34	196	206232	21.76 ng/ul#	82
39) 2,4,5-Trichlorophenol	13.41	196	222485	21.36 ng/ul	92
40) 1,1'-Biphenyl	13.74	154	691427	21.54 ng/ul	99
41) 2-Chloronaphthalene	13.79	162	548523	21.80 ng/ul	97
42) 2-Nitroaniline	13.98	65	219404	22.91 ng/ul	93
44) Dimethylphthalate	14.34	163	735990	21.69 ng/ul#	97
45) 2,6-Dinitrotoluene	14.47	165	154873	23.52 ng/ul#	84
47) Acenaphthylene	14.63	152	841737	22.06 ng/ul	98
48) 3-Nitroaniline	14.80	138	151750	24.40 ng/ul#	92
49) Acenaphthene	14.96	153	584114	21.42 ng/ul	97
50) 2,4-Dinitrophenol	15.00	184	103123	23.35 ng/ul	90
52) 4-Nitrophenol	15.08	109	156542	21.06 ng/ul	87
53) Dibenzofuran	15.29	168	871665	21.72 ng/ul	99
54) 2,4-Dinitrotoluene	15.25	165	228914	23.46 ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	15.51	232	238358	23.32 ng/ul#	96
56) Diethylphthalate	15.69	149	770166	21.53 ng/ul	95
58) Fluorene	15.95	166	724318	21.83 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.93	204	396492	21.53 ng/ul	91
60) 4-Nitroaniline	15.96	138	157769	22.03 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	16.00	198	160642	23.14 ng/ul#	97
64) N-Nitrosodiphenylamine	16.14	169	642477	20.61 ng/ul	93
65) 4-Bromophenyl-phenylether	16.82	248	278259	21.80 ng/ul	92
66) Hexachlorobenzene	16.94	284	313146	21.99 ng/ul	95
67) Atrazine	17.07	200	287490	22.55 ng/ul	96
68) Pentachlorophenol	17.28	266	199796	23.08 ng/ul	92
69) Phenanthrene	17.68	178	1210773	21.76 ng/ul	99
71) Anthracene	17.78	178	1235434	21.81 ng/ul	98
72) Carbazole	18.04	167	1070589	24.09 ng/ul	97
73) Di-n-butylphthalate	18.57	149	1264330	23.26 ng/ul	99
74) Fluoranthene	19.68	202	1462033	26.01 ng/ul	100
77) Pyrene	20.03	202	1418286	21.17 ng/ul	99
78) Butylbenzylphthalate	20.90	149	584690	21.73 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.82	252	541971	23.21 ng/ul#	92
80) Benzo(a)anthracene	21.91	228	1517125	21.80 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.79	149	785738	20.64 ng/ul	97
82) Chrysene	21.99	228	1434519	21.65 ng/ul	99
84) Di-n-octyl phthalate	23.07	149	1375890	22.49 ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1534557	21.20 ng/ul	98
86) Benzo(k)fluoranthene	24.35	252	1430701	20.52 ng/ul	99
88) Benzo(a)pyrene	25.22	252	1469945	21.32 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.34	276	1799217	22.03 ng/ul	98
90) Dibenzo(a,h)anthracene	29.41	278	1517012	21.96 ng/ul	96
91) Benzo(g,h,i)perylene	30.58	276	1475781	21.49 ng/ul	95

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

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