Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101216\
Data File : BG024302.D
Acq On : 12 Oct 2016 15:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02020

Quant Time: Oct 12 16:10:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 12:34:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	156870	20.00	ng/ul	0.00
18) Naphthalene-d8	11.12	136	729959	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	620905	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1271859	20.00	ng/ul	0.00
75) Chrysene-d12	21.95	240	1394862	20.00	ng/ul	0.00
83) Perylene-d12	25.40	264	1459610	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	25871	7.83	ng/uL	0.00
5) Phenol-d5	7.42	99	300102	20.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	189964	19.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	208677	20.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	254319	21.49	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	109518	21.14	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	122876	21.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	263535	20.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	311784	23.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.30	166	863252	19.91	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	1029654	20.73	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	150602	19.59	ng/ul	0.00
57) Fluorene-d10	15.89	176	832172	20.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	166163	21.74	ng/ul	0.00
70) Anthracene-d10	17.75	188	1207860	21.02	ng/ul	0.00
76) Pyrene-d10	20.01	212	1345978	20.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.15	264	1341660	20.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	25866	7.23	ng/uL	93
4) Benzaldehyde	7.42	77	228825	22.22	ng/ul	98
6) Phenol	7.45	94	306625	20.64	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.70	93	224606	20.54	ng/ul#	93
10) 2-Chlorophenol	7.85	128	201781	19.76	ng/ul	94
11) 2-Methylphenol	8.72	108	226670	20.60	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.82	45	433405	19.85	ng/ul	98
14) Acetophenone	9.12	105	368818	20.99	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.09	70	223669	21.11	ng/ul	91
16) 4-Methylphenol	9.04	108	248195	21.27	ng/ul	95
17) Hexachloroethane	9.39	117	90926	19.25	ng/ul	93
20) Nitrobenzene	9.51	77	345137	21.05	ng/ul	99
21) Isophorone	10.03	82	625839	21.00	ng/ul	98
23) 2-Nitrophenol	10.22	139	136700	21.64	ng/ul	89
24) 2,4-Dimethylphenol	10.26	107	313088	20.12	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.51	93	327187	20.03	ng/ul	96
27) 2,4-Dichlorophenol	10.75	162	251030	20.74	ng/ul	91
28) Naphthalene	11.17	128	720690	20.50	ng/ul	98
30) 4-Chloroaniline	11.27	127	305442	22.70	ng/ul	89
31) Hexachlorobutadiene	11.44	225	203829	21.03	ng/ul	95
32) Caprolactam	12.04	113	91173	19.82	ng/ul	95
33) 4-Chloro-3-methylphenol	12.36	107	315442	21.30	ng/ul	96
34) 2-Methylnaphthalene	12.75	142	572157	20.48	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.10	216	389268	21.26 ng/ul	93
37) Hexachlorocyclopentadiene	13.08	237	257965	19.21 ng/ul	95
38) 2,4,6-Trichlorophenol	13.34	196	241991	20.38 ng/ul	93
39) 2,4,5-Trichlorophenol	13.41	196	267443	20.50 ng/ul	99
40) 1,1'-Biphenyl	13.74	154	810191	20.15 ng/ul	99
41) 2-Chloronaphthalene	13.79	162	649261	20.60 ng/ul	98
42) 2-Nitroaniline	13.99	65	261560	21.80 ng/ul	93
44) Dimethylphthalate	14.34	163	855302	20.12 ng/ul	98
45) 2,6-Dinitrotoluene	14.47	165	176905	21.45 ng/ul	90
47) Acenaphthylene	14.63	152	973184	20.36 ng/ul	99
48) 3-Nitroaniline	14.80	138	170302	21.86 ng/ul#	83
49) Acenaphthene	14.97	153	676725	19.81 ng/ul	95
50) 2,4-Dinitrophenol	15.00	184	120190	21.72 ng/ul	94
52) 4-Nitrophenol	15.08	109	194554	20.89 ng/ul	99
53) Dibenzofuran	15.30	168	1018997	20.27 ng/ul	99
54) 2,4-Dinitrotoluene	15.25	165	260582	21.32 ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.51	232	260343	20.33 ng/ul#	97
56) Diethylphthalate	15.70	149	876137	19.55 ng/ul	97
58) Fluorene	15.95	166	833226	20.04 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.93	204	455380	19.74 ng/ul	92
60) 4-Nitroaniline	15.96	138	170788	19.03 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	16.01	198	170861	21.33 ng/ul#	99
64) N-Nitrosodiphenylamine	16.14	169	760519	21.14 ng/ul	95
65) 4-Bromophenyl-phenylether	16.83	248	318989	21.66 ng/ul	95
66) Hexachlorobenzene	16.94	284	359672	21.88 ng/ul	97
67) Atrazine	17.08	200	311834	21.19 ng/ul	98
68) Pentachlorophenol	17.28	266	219551	21.98 ng/ul	97
69) Phenanthrene	17.69	178	1324986	20.63 ng/ul	98
71) Anthracene	17.78	178	1369921	20.96 ng/ul	99
72) Carbazole	18.05	167	1152142	22.46 ng/ul	97
73) Di-n-butylphthalate	18.58	149	1336148	21.30 ng/ul	99
74) Fluoranthene	19.68	202	1532645	23.63 ng/ul	98
77) Pyrene	20.04	202	1530194	20.54 ng/ul	98
78) Butylbenzylphthalate	20.91	149	620533	20.73 ng/ul	100
79) 3,3'-Dichlorobenzidine	21.83	252	580075	22.33 ng/ul#	93
80) Benzo(a)anthracene	21.92	228	1609821	20.80 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.79	149	857317	20.25 ng/ul	95
82) Chrysene	21.99	228	1537224	20.86 ng/ul	97
84) Di-n-octyl phthalate	23.08	149	1463456	21.37 ng/ul	100
85) Benzo(b)fluoranthene	24.36	252	1576178	19.45 ng/ul	95
86) Benzo(k)fluoranthene	24.36	252	1581526	20.26 ng/ul	97
88) Benzo(a)pyrene	25.23	252	1583714	20.52 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.36	276	1953274	21.37 ng/ul#	97
90) Dibenzo(a,h)anthracene	29.42	278	1641050	21.23 ng/ul	98
91) Benzo(g,h,i)perylene	30.60	276	1601831	20.84 ng/ul	98

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

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