Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
Data File : BG031308.D
Acq On : 1 Dec 2017 3:53
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 01 06:56:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	68573	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	300834	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	200586	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	488811	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	529986	20.00	ng		-0.02
86) Perylene-d12	25.07	264	537768	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	323775	80.96	ng		-0.02
7) Phenol-d6	7.30	99	438850	81.46	ng		0.00
23) Nitrobenzene-d5	9.30	82	397970	78.39	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	219994	67.80	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	1125771	80.64	ng		-0.02
78) Terphenyl-d14	20.08	244	1855373	77.30	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	68454	42.182	ng	#	78
3) Pyridine	3.95	79	189022	40.121	ng		90
4) n-Nitrosodimethylamine	3.86	42	82631	37.007	ng	#	87
6) Aniline	7.45	93	279599	39.435	ng		93
8) 2-Chlorophenol	7.70	128	177824	40.294	ng		88
9) Benzaldehyde	7.26	77	129672	34.395	ng		89
10) Phenol	7.32	94	225478	40.300	ng		90
11) bis(2-Chloroethyl)ether	7.54	93	178198	39.890	ng		85
12) 1,3-Dichlorobenzene	8.02	146	208307	40.231	ng		95
13) 1,4-Dichlorobenzene	8.17	146	214616	40.904	ng		97
14) 1,2-Dichlorobenzene	8.48	146	205228	40.752	ng		98
15) Benzyl Alcohol	8.37	79	159456	36.899	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	177306	35.933	ng		91
17) 2-Methylphenol	8.58	107	150568	38.646	ng		97
18) Hexachloroethane	9.21	117	73248	40.111	ng		95
19) n-Nitroso-di-n-propylamine	8.93	70	151037	36.871	ng	#	91
20) 3+4-Methylphenols	8.91	107	215846	38.961	ng		96
22) Acetophenone	8.95	105	302457	40.379	ng	#	90
24) Nitrobenzene	9.34	77	204025	39.342	ng		89
25) Isophorone	9.86	82	368253	37.193	ng	#	92
26) 2-Nitrophenol	10.06	139	115729	42.812	ng	#	85
27) 2,4-Dimethylphenol	10.11	122	162166	40.409	ng		92
28) bis(2-Chloroethoxy)methane	10.34	93	246897	39.592	ng		94
29) 2,4-Dichlorophenol	10.60	162	200303	41.565	ng		91
30) 1,2,4-Trichlorobenzene	10.81	180	240557	41.811	ng		97
31) Naphthalene	10.99	128	599834	40.560	ng		98
32) Benzoic acid	10.28	122	102924	32.823	ng	#	80
33) 4-Chloroaniline	11.10	127	264274	40.821	ng		95
34) Hexachlorobutadiene	11.27	225	160955	40.339	ng		96
35) Caprolactam	11.88	113	70163	35.641	ng	#	72
36) 4-Chloro-3-methylphenol	12.23	107	203481	38.796	ng	#	89
37) 2-Methylnaphthalene	12.59	142	460517	40.338	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	329430	41.380	ng	#	97
40) Hexachlorocyclopentadiene	12.93	237	113604	44.100	ng		91

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	184208	40.475 ng		99
43) 2,4,5-Trichlorophenol	13.28	196	200916	40.349 ng	#	92
45) 1,1'-Biphenyl	13.59	154	684746	41.167 ng		96
46) 2-Chloronaphthalene	13.64	162	499995	41.663 ng		95
47) 2-Nitroaniline	13.84	65	132844	37.347 ng	#	79
48) Acenaphthylene	14.48	152	796636	40.557 ng		98
49) Dimethylphthalate	14.20	163	678372	39.114 ng		99
50) 2,6-Dinitrotoluene	14.33	165	150528	42.109 ng	#	70
51) Acenaphthene	14.82	154	498233	40.615 ng		99
52) 3-Nitroaniline	14.66	138	149121	39.287 ng	#	79
53) 2,4-Dinitrophenol	14.88	184	53579	31.112 ng	#	50
54) Dibenzofuran	15.15	168	792237	40.545 ng		99
55) 4-Nitrophenol	14.98	139	100419	37.139 ng	#	76
56) 2,4-Dinitrotoluene	15.12	165	213934	41.396 ng	#	73
57) Fluorene	15.80	166	635410	40.055 ng		96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	187571	39.523 ng	#	88
59) Diethylphthalate	15.55	149	671999	38.145 ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	385751	40.263 ng		90
61) 4-Nitroaniline	15.82	138	158363	39.401 ng		87
62) Azobenzene	16.08	77	515159	38.343 ng		91
64) 4,6-Dinitro-2-methylphenol	15.89	198	132859	40.891 ng	#	76
65) n-Nitrosodiphenylamine	16.00	169	615517	41.555 ng		99
66) 4-Bromophenyl-phenylether	16.67	248	246272	39.779 ng		97
67) Hexachlorobenzene	16.80	284	252270	38.349 ng		94
68) Atrazine	16.94	200	234602	38.388 ng		98
69) Pentachlorophenol	17.15	266	126064	34.668 ng		99
70) Phenanthrene	17.54	178	1042762	40.972 ng		98
71) Anthracene	17.63	178	1048851	41.128 ng		98
72) Carbazole	17.90	167	960995	40.217 ng		100
73) Di-n-butylphthalate	18.43	149	1143385	38.971 ng		99
74) Fluoranthene	19.54	202	1316813	40.864 ng		97
76) Benzidine	19.71	184	588430	34.564 ng		98
77) Pyrene	19.90	202	1346656	42.820 ng		97
79) Butylbenzylphthalate	20.76	149	523715	41.766 ng	#	82
80) Benzo(a)anthracene	21.75	228	1331513	40.446 ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	523524	39.396 ng		96
82) Chrysene	21.82	228	1254061	41.180 ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	741300	40.955 ng		99
84) Di-n-octyl phthalate	22.86	149	1267267	43.016 ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1475649	39.860 ng	#	92
87) Benzo(b)fluoranthene	24.02	252	1348842	41.465 ng		98
88) Benzo(k)fluoranthene	24.09	252	1327526	41.172 ng		99
89) Benzo(a)pyrene	24.92	252	1273304	41.204 ng		98
90) Dibenzo(a,h)anthracene	28.91	278	1243101	39.356 ng		97
91) Benzo(g,h,i)perylene	30.05	276	1220619	39.816 ng		96

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

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