Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
Data File : BG031270.D
Acq On : 29 Nov 2017 14:44
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 30 03:05:50 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	47064	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	228136	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	164166	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	428792	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	464860	20.00	ng		-0.01
86) Perylene-d12	25.07	264	472070	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	225263	82.07	ng		-0.02
7) Phenol-d6	7.29	99	317221	85.79	ng		-0.01
23) Nitrobenzene-d5	9.30	82	305280	79.29	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	189083	71.20	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	921084	80.62	ng		-0.02
78) Terphenyl-d14	20.08	244	1652272	78.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	44764	40.190	ng	#	80
3) Pyridine	3.94	79	133770	41.370	ng		85
4) n-Nitrosodimethylamine	3.86	42	57279	37.377	ng	#	83
6) Aniline	7.45	93	203158	41.749	ng		93
8) 2-Chlorophenol	7.69	128	126923	41.904	ng		87
9) Benzaldehyde	7.26	77	89926	34.753	ng		85
10) Phenol	7.32	94	163892	42.680	ng		93
11) bis(2-Chloroethyl)ether	7.54	93	129097	42.105	ng		86
12) 1,3-Dichlorobenzene	8.02	146	144923	40.781	ng		97
13) 1,4-Dichlorobenzene	8.16	146	149068	41.395	ng		94
14) 1,2-Dichlorobenzene	8.49	146	146055	42.257	ng		97
15) Benzyl Alcohol	8.37	79	119770	40.382	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	131109	38.714	ng		91
17) 2-Methylphenol	8.57	107	111457	41.681	ng		97
18) Hexachloroethane	9.22	117	50732	40.478	ng		96
19) n-Nitroso-di-n-propylamine	8.93	70	118981	42.320	ng	#	95
20) 3+4-Methylphenols	8.90	107	164884	43.364	ng		96
22) Acetophenone	8.95	105	228165	40.167	ng	#	92
24) Nitrobenzene	9.34	77	152643	38.813	ng	#	89
25) Isophorone	9.86	82	299081	39.832	ng	#	93
26) 2-Nitrophenol	10.06	139	86310	42.104	ng	#	87
27) 2,4-Dimethylphenol	10.11	122	126689	41.629	ng		93
28) bis(2-Chloroethoxy)methane	10.34	93	190522	40.288	ng		96
29) 2,4-Dichlorophenol	10.60	162	154431	42.258	ng		90
30) 1,2,4-Trichlorobenzene	10.81	180	175219	40.160	ng		98
31) Naphthalene	11.00	128	449954	40.121	ng		99
32) Benzoic acid	10.27	122	89341	36.751	ng	#	83
33) 4-Chloroaniline	11.11	127	209266	42.625	ng		93
34) Hexachlorobutadiene	11.27	225	114754	37.924	ng		97
35) Caprolactam	11.88	113	62611	41.940	ng	#	74
36) 4-Chloro-3-methylphenol	12.23	107	167587	42.134	ng	#	84
37) 2-Methylnaphthalene	12.59	142	365998	42.275	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	258440	39.665	ng	#	97
40) Hexachlorocyclopentadiene	12.93	237	74857	37.583	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	151854	40.768	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	166105	40.758	ng		95
45) 1,1'-Biphenyl	13.59	154	554004	40.696	ng		99
46) 2-Chloronaphthalene	13.63	162	399581	40.682	ng		96
47) 2-Nitroaniline	13.84	65	116048	39.863	ng	#	84
48) Acenaphthylene	14.48	152	666147	41.438	ng		99
49) Dimethylphthalate	14.20	163	592203	41.721	ng		100
50) 2,6-Dinitrotoluene	14.33	165	127735	43.660	ng	#	72
51) Acenaphthene	14.81	154	419477	41.781	ng		99
52) 3-Nitroaniline	14.66	138	130788	42.101	ng	#	79
53) 2,4-Dinitrophenol	14.88	184	50278	34.812	ng	#	47
54) Dibenzofuran	15.15	168	669191	41.846	ng		99
55) 4-Nitrophenol	14.98	139	87837	39.693	ng	#	77
56) 2,4-Dinitrotoluene	15.12	165	183762	43.447	ng	#	71
57) Fluorene	15.80	166	553636	42.642	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	159494	41.063	ng	#	89
59) Diethylphthalate	15.55	149	595322	41.289	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	331255	42.246	ng		92
61) 4-Nitroaniline	15.82	138	140440	42.693	ng		84
62) Azobenzene	16.07	77	446537	40.609	ng		92
64) 4,6-Dinitro-2-methylphenol	15.88	198	116140	40.749	ng		81
65) n-Nitrosodiphenylamine	16.00	169	535690	41.228	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	214326	39.465	ng		96
67) Hexachlorobenzene	16.81	284	215700	37.380	ng		97
68) Atrazine	16.94	200	207655	38.734	ng		98
69) Pentachlorophenol	17.15	266	108428	33.992	ng		95
70) Phenanthrene	17.53	178	919119	41.168	ng		98
71) Anthracene	17.63	178	926944	41.436	ng		98
72) Carbazole	17.90	167	854409	40.762	ng		99
73) Di-n-butylphthalate	18.43	149	1009776	39.235	ng		100
74) Fluoranthene	19.54	202	1170756	41.417	ng		98
76) Benzidine	19.71	184	524122	35.100	ng		97
77) Pyrene	19.90	202	1188122	43.072	ng		98
79) Butylbenzylphthalate	20.76	149	469392	42.678	ng		86
80) Benzo(a)anthracene	21.75	228	1169781	40.512	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	460090	39.473	ng		98
82) Chrysene	21.82	228	1106875	41.439	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	652638	41.108	ng		99
84) Di-n-octyl phthalate	22.85	149	1120177	43.350	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1296489	39.926	ng		99
87) Benzo(b)fluoranthene	24.02	252	1197723	41.944	ng		98
88) Benzo(k)fluoranthene	24.09	252	1148610	40.581	ng		99
89) Benzo(a)pyrene	24.92	252	1108624	40.867	ng		99
90) Dibenzo(a,h)anthracene	28.92	278	1089946	39.310	ng		98
91) Benzo(g,h,i)perylene	30.06	276	1068727	39.713	ng		97

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

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