Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
Data File : BG031643.D
Acq On : 18 Dec 2017 20:51
Operator : SJ/JU
Sample : I6680-12MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-121417-AMSD

Quant Time: Dec 19 07:50:03 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	74286	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	322982	20.00	ng		-0.01
38) Acenaphthene-d10	14.72	164	220976	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	563452	20.00	ng		-0.01
75) Chrysene-d12	21.74	240	594410	20.00	ng		-0.01
86) Perylene-d12	25.02	264	513614	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	651131	155.36	ng		0.00
7) Phenol-d6	7.27	99	790649	135.90	ng		0.00
23) Nitrobenzene-d5	9.27	82	538934	102.85	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	466120	180.05	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1522324	101.12	ng		0.00
78) Terphenyl-d14	20.06	244	2632886	100.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	66322	33.166	ng	#	81
3) Pyridine	3.93	79	183646	34.881	ng		86
4) n-Nitrosodimethylamine	3.83	42	93896	37.863	ng	#	91
6) Aniline	7.42	93	74697	9.749	ng		96
8) 2-Chlorophenol	7.67	128	240904	51.532	ng		90
9) Benzaldehyde	7.23	77	77682	23.035	ng		91
10) Phenol	7.30	94	268804	44.975	ng		90
11) bis(2-Chloroethyl)ether	7.51	93	217908	44.671	ng		87
12) 1,3-Dichlorobenzene	7.99	146	259215m	46.627	ng		
13) 1,4-Dichlorobenzene	8.13	146	265406	45.936	ng		95
14) 1,2-Dichlorobenzene	8.45	146	257023	46.699	ng		98
15) Benzyl Alcohol	8.34	79	182446	40.087	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.62	45	305251	55.700	ng		88
17) 2-Methylphenol	8.55	107	205447	50.427	ng		96
18) Hexachloroethane	9.18	117	92538	47.515	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	170451	37.222	ng	#	94
20) 3+4-Methylphenols	8.88	107	274535	45.234	ng		98
22) Acetophenone	8.92	105	365761	47.205	ng	#	92
24) Nitrobenzene	9.31	77	264072	49.179	ng	#	86
25) Isophorone	9.83	82	493239	49.807	ng	#	91
26) 2-Nitrophenol	10.02	139	145013	54.615	ng	#	87
27) 2,4-Dimethylphenol	10.08	122	241889	59.971	ng		94
28) bis(2-Chloroethoxy)methane	10.30	93	300405	46.987	ng		96
29) 2,4-Dichlorophenol	10.57	162	282716	59.493	ng		92
30) 1,2,4-Trichlorobenzene	10.77	180	311968	51.394	ng		96
31) Naphthalene	10.96	128	741078	46.705	ng		99
32) Benzoic acid	10.28	122	97958	43.148	ng		87
33) 4-Chloroaniline	11.10	127	20771	3.015	ng		91
34) Hexachlorobutadiene	11.24	225	200617	49.825	ng		96
35) Caprolactam	11.86	113	78518m	42.078	ng		
36) 4-Chloro-3-methylphenol	12.21	107	275164	50.727	ng	#	87
37) 2-Methylnaphthalene	12.56	142	588311	47.887	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	411463	47.644	ng		96
40) Hexachlorocyclopentadiene	12.90	237	290598	91.428	ng		93

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Quant Time: Dec 19 07:50:03 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	252496	57.224	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	276475	58.168	ng	#	92
45) 1,1'-Biphenyl	13.56	154	829875	45.724	ng		97
46) 2-Chloronaphthalene	13.61	162	652641	49.130	ng		95
47) 2-Nitroaniline	13.81	65	167121	44.771	ng	#	76
48) Acenaphthylene	14.45	152	967225	45.251	ng		98
49) Dimethylphthalate	14.18	163	881702	48.195	ng		99
50) 2,6-Dinitrotoluene	14.31	165	202549	51.798	ng	#	75
51) Acenaphthene	14.79	154	612085	45.288	ng		99
52) 3-Nitroaniline	14.64	138	45037	11.298	ng	#	80
53) 2,4-Dinitrophenol	14.86	184	182807	108.402	ng	#	48
54) Dibenzofuran	15.12	168	1010928	46.873	ng		98
55) 4-Nitrophenol	14.97	139	239153	88.401	ng	#	78
56) 2,4-Dinitrotoluene	15.10	165	290220	52.254	ng	#	71
57) Fluorene	15.77	166	812034	46.990	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	268145	60.019	ng	#	88
59) Diethylphthalate	15.53	149	856337	46.698	ng		97
60) 4-Chlorophenyl-phenylether	15.75	204	496979	47.005	ng		92
61) 4-Nitroaniline	15.80	138	157275	37.597	ng		88
62) Azobenzene	16.04	77	659406	43.409	ng		94
64) 4,6-Dinitro-2-methylphenol	15.87	198	154265	45.516	ng	#	72
65) n-Nitrosodiphenylamine	15.97	169	638741	38.729	ng		99
66) 4-Bromophenyl-phenylether	16.64	248	342488	52.272	ng		97
67) Hexachlorobenzene	16.78	284	347687	51.390	ng		94
68) Atrazine	16.91	200	199108	33.017	ng		98
69) Pentachlorophenol	17.13	266	285190	87.147	ng		96
70) Phenanthrene	17.51	178	1396561	47.459	ng		97
71) Anthracene	17.60	178	1428031	49.067	ng		97
72) Carbazole	17.87	167	1121743	42.591	ng		98
73) Di-n-butylphthalate	18.41	149	1481420	48.707	ng		99
74) Fluoranthene	19.51	202	1804924	49.011	ng		95
76) Benzidine	19.72	184	80150	5.794	ng		96
77) Pyrene	19.88	202	1827833	49.489	ng		94
79) Butylbenzylphthalate	20.73	149	687490	53.059	ng	#	84
80) Benzo(a)anthracene	21.71	228	1752051	48.834	ng		98
81) 3,3'-Dichlorobenzidine	21.63	252	99138	7.939	ng	#	98
82) Chrysene	21.78	228	1673841	48.666	ng		96
83) Bis(2-ethylhexyl)phthalate	21.59	149	928578	49.813	ng		99
84) Di-n-octyl phthalate	22.81	149	1491399	48.502	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.79	276	1682438	45.771	ng		97
87) Benzo(b)fluoranthene	23.98	252	1628833	53.045	ng	#	98
88) Benzo(k)fluoranthene	24.04	252	1611462	51.425	ng		98
89) Benzo(a)pyrene	24.86	252	1534038	52.664	ng		99
90) Dibenzo(a,h)anthracene	28.84	278	1430485	51.354	ng		99
91) Benzo(g,h,i)perylene	29.97	276	1370807	50.056	ng		97

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

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