Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010318\
Data File : BG031904.D
Acq On : 4 Jan 2018 00:07
Operator : SJ/JU
Sample : J1005-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWS-1MSD

Quant Time: Jan 04 07:32:51 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	48997	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	213322	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	149665	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	379679	20.00	ng	0.00
75) Chrysene-d12	22.50	240	425764	20.00	ng	0.00
86) Perylene-d12	26.23	264	470587	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	365010	135.69	ng	0.00
7) Phenol-d6	7.90	99	445338	127.51	ng	0.00
23) Nitrobenzene-d5	9.99	82	296821	105.07	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	343261	150.31	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1042496	87.43	ng	0.00
78) Terphenyl-d14	20.68	244	1850471	99.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.87	88	34241	34.337	ng	# 73
3) Pyridine	4.33	79	84166	31.576	ng	# 77
4) n-Nitrosodimethylamine	4.22	42	44015	40.921	ng	# 74
6) Aniline	8.08	93	31096	6.920	ng	96
8) 2-Chlorophenol	8.34	128	144804	46.405	ng	# 79
9) Benzaldehyde	7.88	77	36000	17.118	ng	# 76
10) Phenol	7.92	94	152363	43.209	ng	93
11) bis(2-Chloroethyl)ether	8.17	93	120285	41.075	ng	# 83
12) 1,3-Dichlorobenzene	8.67	146	158709	40.956	ng	# 94
13) 1,4-Dichlorobenzene	8.82	146	162916	41.157	ng	95
14) 1,2-Dichlorobenzene	9.15	146	156963	41.848	ng	97
15) Benzyl Alcohol	9.02	79	129733	49.481	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.32	45	122543	51.385	ng	80
17) 2-Methylphenol	9.22	107	117651	46.631	ng	97
18) Hexachloroethane	9.91	117	49759	41.504	ng	91
19) n-Nitroso-di-n-propylamine	9.60	70	96585	40.493	ng	# 78
20) 3+4-Methylphenols	9.55	107	163402	45.568	ng	90
22) Acetophenone	9.63	105	219722	44.334	ng	# 86
24) Nitrobenzene	10.03	77	138454	47.553	ng	# 84
25) Isophorone	10.55	82	276548	45.474	ng	# 84
26) 2-Nitrophenol	10.76	139	86969	56.970	ng	# 80
27) 2,4-Dimethylphenol	10.79	122	160964	50.108	ng	89
28) bis(2-Chloroethoxy)methane	11.03	93	171844	42.113	ng	# 93
29) 2,4-Dichlorophenol	11.30	162	187331	49.675	ng	92
30) 1,2,4-Trichlorobenzene	11.52	180	190326	41.334	ng	96
31) Naphthalene	11.72	128	515771	47.908	ng	99
33) 4-Chloroaniline	11.81	127	20035	4.180	ng	# 92
34) Hexachlorobutadiene	11.99	225	125879	39.821	ng	93
35) Caprolactam	12.56	113	43866	38.374	ng	# 40
36) 4-Chloro-3-methylphenol	12.88	107	174165	50.006	ng	# 82
37) 2-Methylnaphthalene	13.28	142	390830	44.781	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	264019	41.881	ng	# 98
40) Hexachlorocyclopentadiene	13.61	237	204182	61.397	ng	92
42) 2,4,6-Trichlorophenol	13.86	196	178789	49.190	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.94	196	194272	48.231	ng	#	90
45) 1,1'-Biphenyl	14.26	154	557487	43.612	ng		95
46) 2-Chloronaphthalene	14.31	162	421734	43.254	ng		95
47) 2-Nitroaniline	14.49	65	95186	56.526	ng	#	66
48) Acenaphthylene	15.15	152	656628	42.095	ng		98
49) Dimethylphthalate	14.85	163	589481	44.709	ng		99
50) 2,6-Dinitrotoluene	14.98	165	131048	54.029	ng	#	65
51) Acenaphthene	15.48	154	416300	40.750	ng		98
52) 3-Nitroaniline	15.30	138	28142	11.892	ng	#	77
54) Dibenzofuran	15.81	168	688922	43.993	ng		98
55) 4-Nitrophenol	15.58	139	141790	73.617	ng	#	69
56) 2,4-Dinitrotoluene	15.75	165	183232	58.749	ng	#	63
57) Fluorene	16.46	166	557333	43.810	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.02	232	168509	42.879	ng	#	86
59) Diethylphthalate	16.19	149	568677	44.252	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	331489	42.586	ng		92
61) 4-Nitroaniline	16.46	138	84947	36.785	ng		80
62) Azobenzene	16.73	77	356970	43.314	ng		83
64) 4,6-Dinitro-2-methylphenol	16.50	198	9604	12.606	ng	#	70
65) n-Nitrosodiphenylamine	16.64	169	527340	41.819	ng		99
66) 4-Bromophenyl-phenylether	17.33	248	240285	43.765	ng		94
67) Hexachlorobenzene	17.45	284	249672	44.484	ng	#	91
68) Atrazine	17.57	200	227216	46.340	ng		97
69) Pentachlorophenol	17.78	266	69880	18.101	ng		98
70) Phenanthrene	18.20	178	935065	43.518	ng		100
71) Anthracene	18.28	178	958050	44.201	ng		99
72) Carbazole	18.54	167	837505	43.656	ng		98
73) Di-n-butylphthalate	19.05	149	935299	43.870	ng		99
74) Fluoranthene	20.15	202	1162586	44.096	ng		95
76) Benzidine	20.31	184	101328	7.711	ng		99
77) Pyrene	20.51	202	1189391	43.733	ng		97
79) Butylbenzylphthalate	21.37	149	417746	45.757	ng	#	76
80) Benzo(a)anthracene	22.47	228	1214718	44.851	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	73657	7.015	ng	#	96
82) Chrysene	22.55	228	1134807	44.285	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	592791	44.817	ng	#	97
84) Di-n-octyl phthalate	23.71	149	1004558	45.095	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.56	276	1529615	46.528	ng	#	89
87) Benzo(b)fluoranthene	25.03	252	1263433	43.252	ng	#	97
88) Benzo(k)fluoranthene	25.11	252	1240293	42.427	ng	#	96
89) Benzo(a)pyrene	26.06	252	1246258	44.547	ng	#	96
90) Dibenzo(a,h)anthracene	30.65	278	1270008	43.955	ng	#	94
91) Benzo(g,h,i)perylene	30.56	276	1529615	44.839	ng	#	94

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

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