Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026325.D
Acq On : 20 Mar 2017 13:52
Operator : SJ/MA
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC025

Quant Time: Mar 20 15:51:18 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 15:49:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	111313	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	488884	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	277605	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	669999	20.00	ng		0.00
75) Chrysene-d12	21.63	240	775699	20.00	ng		0.00
86) Perylene-d12	24.82	264	759750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	320327	50.10	ng		0.00
7) Phenol-d6	7.21	99	434897	45.97	ng		0.00
23) Nitrobenzene-d5	9.21	82	403486	52.08	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	157858	61.55	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1007942	63.44	ng		0.00
78) Terphenyl-d14	19.98	244	1691671	53.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	69246	23.70	ng	#	77
3) Pyridine	3.91	79	195180	22.42	ng	#	67
4) n-Nitrosodimethylamine	3.82	42	52836	16.87	ng	#	1
6) Aniline	7.37	93	283805	21.58	ng	#	89
8) 2-Chlorophenol	7.61	128	178298	23.46	ng	#	82
9) Benzaldehyde	7.18	77	144211	25.72	ng	#	65
10) Phenol	7.23	94	230158	22.39	ng	#	70
11) bis(2-Chloroethyl)ether	7.46	93	185544	21.96	ng		86
12) 1,3-Dichlorobenzene	7.94	146	208866	23.78	ng	#	87
13) 1,4-Dichlorobenzene	8.08	146	214054	24.06	ng	#	93
14) 1,2-Dichlorobenzene	8.40	146	202916	23.23	ng		92
15) Benzyl Alcohol	8.28	79	139173	20.09	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.57	45	206419	16.83	ng		85
17) 2-Methylphenol	8.48	107	159254	21.50	ng	#	82
18) Hexachloroethane	9.13	117	69442	23.55	ng		91
19) n-Nitroso-di-n-propylamine	8.84	70	135074	19.55	ng	#	74
20) 3+4-Methylphenols	8.81	107	224763	21.30	ng		84
22) Acetophenone	8.86	105	278811	23.77	ng	#	77
24) Nitrobenzene	9.25	77	199125	23.77	ng	#	77
25) Isophorone	9.77	82	376167	22.07	ng	#	91
26) 2-Nitrophenol	9.96	139	103770	26.49	ng	#	63
27) 2,4-Dimethylphenol	10.02	122	168622	23.06	ng		84
28) bis(2-Chloroethoxy)methane	10.25	93	244661	22.65	ng	#	97
29) 2,4-Dichlorophenol	10.50	162	172604	24.73	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	189929	25.03	ng		98
31) Naphthalene	10.90	128	616711	24.40	ng		98
32) Benzoic acid	10.12	122	120260	21.54	ng	#	73
33) 4-Chloroaniline	11.00	127	251323	22.89	ng	#	83
34) Hexachlorobutadiene	11.19	225	111363	25.79	ng		97
35) Caprolactam	11.75	113	67731	24.03	ng	#	62
36) 4-Chloro-3-methylphenol	12.12	107	187216	22.42	ng	#	81
37) 2-Methylnaphthalene	12.50	142	451509	23.45	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	206548	29.69	ng		98
40) Hexachlorocyclopentadiene	12.84	237	104166	27.36	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	137297	30.55	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	147162	28.85	ng	#	92
45) 1,1'-Biphenyl	13.49	154	577263	28.69	ng		97
46) 2-Chloronaphthalene	13.54	162	416916	28.67	ng		96
47) 2-Nitroaniline	13.74	65	119152	25.83	ng	#	60
48) Acenaphthylene	14.38	152	748890	28.92	ng		97
49) Dimethylphthalate	14.10	163	534901	28.09	ng		98
50) 2,6-Dinitrotoluene	14.22	165	123215	28.80	ng	#	63
51) Acenaphthene	14.72	154	450878	26.36	ng		99
52) 3-Nitroaniline	14.55	138	140103	29.28	ng	#	68
53) 2,4-Dinitrophenol	14.76	184	69714	31.14	ng	#	76
54) Dibenzofuran	15.05	168	646956	28.38	ng	#	89
55) 4-Nitrophenol	14.86	139	114611	29.43	ng	#	43
56) 2,4-Dinitrotoluene	15.01	165	175680	30.52	ng	#	72
57) Fluorene	15.70	166	572947	28.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	132851	29.52	ng	#	99
59) Diethylphthalate	15.46	149	545942	27.71	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	269885	28.59	ng		90
61) 4-Nitroaniline	15.70	138	147410	29.72	ng	#	51
62) Azobenzene	15.97	77	442497	26.13	ng		82
64) 4,6-Dinitro-2-methylphenol	15.77	198	105233	26.84	ng		84
65) n-Nitrosodiphenylamine	15.90	169	492084	24.22	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	172241	24.53	ng		98
67) Hexachlorobenzene	16.70	284	181421	25.07	ng		93
68) Atrazine	16.84	200	187805	26.11	ng		97
69) Pentachlorophenol	17.04	266	115869	25.95	ng		98
70) Phenanthrene	17.43	178	910774	25.04	ng		95
71) Anthracene	17.52	178	937966	25.30	ng		98
72) Carbazole	17.78	167	970588	26.06	ng		95
73) Di-n-butylphthalate	18.34	149	1009043	27.60	ng	#	92
74) Fluoranthene	19.43	202	1106586	27.63	ng		94
76) Benzidine	19.60	184	691527	28.24	ng		98
77) Pyrene	19.79	202	1154817	23.54	ng		97
79) Butylbenzylphthalate	20.66	149	449877	24.16	ng		85
80) Benzo(a)anthracene	21.61	228	1102241	24.34	ng		96
81) 3,3'-Dichlorobenzidine	21.53	252	452731	28.04	ng	#	97
82) Chrysene	21.68	228	1052667	24.17	ng		96
83) Bis(2-ethylhexyl)phthalate	21.51	149	685966	25.52	ng		99
84) Di-n-octyl phthalate	22.71	149	1167348	26.29	ng	#	82
85) Indeno(1,2,3-cd)pyrene	28.45	276	1260145	24.57	ng	#	88
87) Benzo(b)fluoranthene	23.81	252	1123413	24.69	ng	#	95
88) Benzo(k)fluoranthene	23.87	252	1088034	24.51	ng	#	92
89) Benzo(a)pyrene	24.67	252	1070896	24.85	ng	#	93
90) Dibenzo(a,h)anthracene	28.50	278	1071908	24.76	ng	#	91
91) Benzo(g,h,i)perylene	29.58	276	1068995	24.63	ng	#	87

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

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