Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
Data File : BG027389.D
Acq On : 13 Jun 2017 17:00
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 14 06:08:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	56974	20.00	ng		-0.03
21) Naphthalene-d8	11.36	136	261775	20.00	ng		-0.03
38) Acenaphthene-d10	15.12	164	158146	20.00	ng		-0.03
63) Phenanthrene-d10	17.87	188	371168	20.00	ng		-0.05
75) Chrysene-d12	22.25	240	449260	20.00	ng		-0.06
86) Perylene-d12	25.92	264	418929	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	334372	89.56	ng		-0.02
7) Phenol-d6	7.68	99	484806	88.46	ng		-0.02
23) Nitrobenzene-d5	9.71	82	410141	98.53	ng		-0.03
41) 2,4,6-Tribromophenol	16.61	330	197803	94.98	ng		-0.04
44) 2-Fluorobiphenyl	13.75	172	919969	81.38	ng		-0.04
78) Terphenyl-d14	20.45	244	1472422	83.61	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	72643	46.92	ng	#	85
3) Pyridine	4.54	79	220240	46.15	ng	#	78
4) n-Nitrosodimethylamine	4.44	42	87662	49.61	ng	#	56
6) Aniline	7.87	93	293724	42.56	ng		97
8) 2-Chlorophenol	8.11	128	166117	42.14	ng		97
9) Benzaldehyde	7.69	77	147432	38.91	ng		89
10) Phenol	7.71	94	246843	44.04	ng		78
11) bis(2-Chloroethyl)ether	7.95	93	194715	42.35	ng		94
12) 1,3-Dichlorobenzene	8.44	146	178500	40.14	ng		92
13) 1,4-Dichlorobenzene	8.58	146	185084	40.56	ng		97
14) 1,2-Dichlorobenzene	8.90	146	176648	39.69	ng		93
15) Benzyl Alcohol	8.77	79	148613	38.49	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	9.06	45	323943	49.24	ng		93
17) 2-Methylphenol	8.96	107	162743	41.08	ng	#	87
18) Hexachloroethane	9.64	117	67358	43.82	ng	#	82
19) n-Nitroso-di-n-propylamine	9.33	70	167197	43.61	ng	#	87
20) 3+4-Methylphenols	9.28	107	227226	41.40	ng		90
22) Acetophenone	9.36	105	286815	42.84	ng	#	87
24) Nitrobenzene	9.75	77	232194	48.96	ng	#	89
25) Isophorone	10.27	82	437170	44.67	ng	#	97
26) 2-Nitrophenol	10.46	139	82846	43.22	ng	#	85
27) 2,4-Dimethylphenol	10.50	122	174465	41.46	ng		91
28) bis(2-Chloroethoxy)methane	10.74	93	269213	42.48	ng		99
29) 2,4-Dichlorophenol	10.99	162	158051	41.14	ng		99
30) 1,2,4-Trichlorobenzene	11.21	180	171275	40.26	ng		96
31) Naphthalene	11.41	128	577788	40.39	ng		99
32) Benzoic acid	10.61	122	103875	37.74	ng		91
33) 4-Chloroaniline	11.51	127	241846	40.57	ng	#	90
34) Hexachlorobutadiene	11.68	225	108504	41.50	ng		98
35) Caprolactam	12.28	113	64294	48.80	ng		91
36) 4-Chloro-3-methylphenol	12.58	107	205984	42.78	ng		95
37) 2-Methylnaphthalene	12.97	142	405410	38.85	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.33	216	202619	41.13	ng		99
40) Hexachlorocyclopentadiene	13.31	237	110127	42.00	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.56	196	131558	44.03	ng		99
43) 2,4,5-Trichlorophenol	13.63	196	147442	44.09	ng		96
45) 1,1'-Biphenyl	13.96	154	523844	40.58	ng		96
46) 2-Chloronaphthalene	14.01	162	401371	41.47	ng		97
47) 2-Nitroaniline	14.20	65	146180	52.39	ng		90
48) Acenaphthylene	14.85	152	677548	41.37	ng		99
49) Dimethylphthalate	14.56	163	516421	41.16	ng		98
50) 2,6-Dinitrotoluene	14.68	165	108335	43.15	ng		85
51) Acenaphthene	15.19	154	447609	42.01	ng		100
52) 3-Nitroaniline	15.02	138	118443	44.74	ng		93
53) 2,4-Dinitrophenol	15.21	184	57433	54.95	ng	#	79
54) Dibenzofuran	15.52	168	603757	40.55	ng		94
55) 4-Nitrophenol	15.30	139	99961	45.08	ng	#	61
56) 2,4-Dinitrotoluene	15.47	165	148077	45.79	ng	#	96
57) Fluorene	16.16	166	545975	41.29	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.74	232	128848	43.17	ng		96
59) Diethylphthalate	15.91	149	538143	43.01	ng		97
60) 4-Chlorophenyl-phenylether	16.15	204	272721	40.94	ng		95
61) 4-Nitroaniline	16.18	138	128167	47.46	ng	#	71
62) Azobenzene	16.44	77	553486	47.72	ng		89
64) 4,6-Dinitro-2-methylphenol	16.23	198	84576	50.38	ng		89
65) n-Nitrosodiphenylamine	16.36	169	469792	40.37	ng		98
66) 4-Bromophenyl-phenylether	17.05	248	177289	40.36	ng		97
67) Hexachlorobenzene	17.17	284	194110	41.08	ng		92
68) Atrazine	17.30	200	153133	39.35	ng		97
69) Pentachlorophenol	17.51	266	122674	44.29	ng		98
70) Phenanthrene	17.92	178	850436	40.72	ng		96
71) Anthracene	18.00	178	865490	41.37	ng		99
72) Carbazole	18.27	167	847879	42.97	ng		97
73) Di-n-butylphthalate	18.80	149	933260	48.77	ng	#	94
74) Fluoranthene	19.90	202	1010642	45.30	ng		92
76) Benzidine	20.07	184	297291	21.97	ng		98
77) Pyrene	20.27	202	1045755	38.53	ng		97
79) Butylbenzylphthalate	21.15	149	413880	43.15	ng		97
80) Benzo(a)anthracene	22.23	228	1063324	41.50	ng		96
81) 3,3'-Dichlorobenzidine	22.13	252	401391	40.27	ng	#	99
82) Chrysene	22.30	228	1012577	41.17	ng		97
83) Bis(2-ethylhexyl)phthalate	22.09	149	603970	41.67	ng		98
84) Di-n-octyl phthalate	23.46	149	1023960	42.65	ng	#	92
85) Indeno(1,2,3-cd)pyrene	30.16	276	1237460	41.54	ng	#	89
87) Benzo(b)fluoranthene	24.75	252	1103479	42.47	ng	#	96
88) Benzo(k)fluoranthene	24.83	252	1053365	41.33	ng	#	94
89) Benzo(a)pyrene	25.75	252	1018326	41.64	ng	#	93
90) Dibenzo(a,h)anthracene	30.24	278	1085719	42.41	ng	#	93
91) Benzo(g,h,i)perylene	31.49	276	1036885	41.82	ng	#	91

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

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