Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
Data File : BG031811.D
Acq On : 28 Dec 2017 00:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 28 07:21:39 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	41198	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	188219	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	134511	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	345994	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	388446	20.00	ng	-0.06
86) Perylene-d12	26.26	264	427683	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	170642	75.44	ng	-0.02
7) Phenol-d6	7.90	99	244266	83.18	ng	-0.03
23) Nitrobenzene-d5	10.00	82	209045	83.87	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	185990	90.62	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	814906	76.04	ng	-0.03
78) Terphenyl-d14	20.70	244	1308397	76.95	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	30302	36.140	ng	# 69
3) Pyridine	4.33	79	92198	41.137	ng	# 77
4) n-Nitrosodimethylamine	4.23	42	34903	38.592	ng	# 86
6) Aniline	8.09	93	149792	39.645	ng	91
8) 2-Chlorophenol	8.35	128	105585	40.242	ng	# 81
9) Benzaldehyde	7.90	77	66063	37.359	ng	86
10) Phenol	7.93	94	121172	40.869	ng	92
11) bis(2-Chloroethyl)ether	8.19	93	92901	37.729	ng	# 78
12) 1,3-Dichlorobenzene	8.69	146	126221	38.739	ng	# 93
13) 1,4-Dichlorobenzene	8.84	146	128565	38.627	ng	95
14) 1,2-Dichlorobenzene	9.17	146	125524	39.801	ng	96
15) Benzyl Alcohol	9.03	79	92595	42.002	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.33	45	67941	33.882	ng	77
17) 2-Methylphenol	9.23	107	88441	41.689	ng	97
18) Hexachloroethane	9.93	117	39141	38.828	ng	# 87
19) n-Nitroso-di-n-propylamine	9.62	70	78815	39.298	ng	# 82
20) 3+4-Methylphenols	9.57	107	126179	41.849	ng	95
22) Acetophenone	9.65	105	165091	37.753	ng	# 87
24) Nitrobenzene	10.04	77	102980	40.087	ng	# 84
25) Isophorone	10.57	82	200811	37.424	ng	# 85
26) 2-Nitrophenol	10.77	139	64570	47.939	ng	# 80
27) 2,4-Dimethylphenol	10.80	122	108449	38.263	ng	89
28) bis(2-Chloroethoxy)methane	11.05	93	131634	36.561	ng	96
29) 2,4-Dichlorophenol	11.31	162	132193	39.729	ng	89
30) 1,2,4-Trichlorobenzene	11.54	180	153834	37.865	ng	96
31) Naphthalene	11.74	128	368808	38.826	ng	99
32) Benzoic acid	10.91	122	70023	37.870	ng	# 78
33) 4-Chloroaniline	11.83	127	165693	39.180	ng	# 90
34) Hexachlorobutadiene	12.01	225	107334	38.483	ng	95
35) Caprolactam	12.58	113	43424	43.054	ng	# 46
36) 4-Chloro-3-methylphenol	12.90	107	128380	41.776	ng	# 83
37) 2-Methylnaphthalene	13.30	142	304808	39.583	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	213167	37.624	ng	# 96
40) Hexachlorocyclopentadiene	13.63	237	109176	36.527	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	131615	40.291	ng		99
43) 2,4,5-Trichlorophenol	13.95	196	146162	40.375	ng	#	91
45) 1,1'-Biphenyl	14.27	154	437895	38.116	ng		96
46) 2-Chloronaphthalene	14.33	162	335250	38.258	ng		96
47) 2-Nitroaniline	14.51	65	68217	45.074	ng	#	59
48) Acenaphthylene	15.16	152	547507	39.054	ng		99
49) Dimethylphthalate	14.86	163	464599	39.207	ng		99
50) 2,6-Dinitrotoluene	14.99	165	98233	45.063	ng	#	65
51) Acenaphthene	15.50	154	361945	39.421	ng		99
52) 3-Nitroaniline	15.32	138	94803	44.575	ng	#	74
53) 2,4-Dinitrophenol	15.51	184	37129	43.900	ng	#	1
54) Dibenzofuran	15.83	168	553629	39.336	ng		96
55) 4-Nitrophenol	15.59	139	67527	39.010	ng	#	69
56) 2,4-Dinitrotoluene	15.76	165	135339	48.282	ng	#	65
57) Fluorene	16.47	166	449130	39.282	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	144419	40.889	ng	#	86
59) Diethylphthalate	16.21	149	454291	39.334	ng		98
60) 4-Chlorophenyl-phenylether	16.45	204	275186	39.336	ng		93
61) 4-Nitroaniline	16.47	138	92842	44.734	ng		80
62) Azobenzene	16.74	77	280504	37.870	ng		81
64) 4,6-Dinitro-2-methylphenol	16.52	198	64732	40.109	ng	#	67
65) n-Nitrosodiphenylamine	16.66	169	436758	38.008	ng		98
66) 4-Bromophenyl-phenylether	17.34	248	195216	39.018	ng		94
67) Hexachlorobenzene	17.47	284	203043	39.698	ng	#	89
68) Atrazine	17.58	200	171224	38.320	ng		98
69) Pentachlorophenol	17.80	266	135906	38.632	ng		95
70) Phenanthrene	18.21	178	746144	38.106	ng		99
71) Anthracene	18.30	178	756762	38.313	ng		99
72) Carbazole	18.56	167	654833	37.457	ng		99
73) Di-n-butylphthalate	19.07	149	741822	38.182	ng		98
74) Fluoranthene	20.17	202	917935	38.207	ng		96
76) Benzidine	20.33	184	549482	45.830	ng		98
77) Pyrene	20.53	202	932719	37.590	ng		99
79) Butylbenzylphthalate	21.39	149	326598	39.210	ng	#	75
80) Benzo(a)anthracene	22.49	228	943839	38.197	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	376670	39.317	ng	#	99
82) Chrysene	22.57	228	889897	38.063	ng		97
83) Bis(2-ethylhexyl)phthalate	22.34	149	471023	39.032	ng	#	98
84) Di-n-octyl phthalate	23.75	149	801224	39.423	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1201920	40.073	ng	#	86
87) Benzo(b)fluoranthene	25.06	252	1004743	37.846	ng	#	96
88) Benzo(k)fluoranthene	25.14	252	1021077	38.432	ng	#	98
89) Benzo(a)pyrene	26.08	252	968260	38.082	ng	#	98
90) Dibenzo(a,h)anthracene	30.70	278	1021732	38.909	ng	#	97
91) Benzo(g,h,i)perylene	30.62	276	1201920	38.767	ng	#	92

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

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