Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026009.D
Acq On : 28 Feb 2017 22:57
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/1/2017 3:07:18 PM

Quant Time: Mar 01 02:10:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	99178	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	501100	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	379095	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	805599	20.00	ng		0.00
75) Chrysene-d12	21.66	240	789273	20.00	ng		-0.02
86) Perylene-d12	24.85	264	794396	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	474663	83.32	ng		-0.01
7) Phenol-d6	7.23	99	713777	84.67	ng		0.00
23) Nitrobenzene-d5	9.23	82	679773	85.61	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	311479	88.93	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1654967	76.28	ng		-0.01
78) Terphenyl-d14	20.00	244	2510078	77.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	103471	39.74	ng	#	85
3) Pyridine	3.94	79	314186	40.50	ng	#	76
4) n-Nitrosodimethylamine	3.84	42	110798	39.71	ng	#	34
6) Aniline	7.40	93	478176	40.80	ng	#	90
8) 2-Chlorophenol	7.64	128	277878	41.04	ng		88
9) Benzaldehyde	7.21	77	189960	38.03	ng	#	76
10) Phenol	7.26	94	383324	41.85	ng	#	75
11) bis(2-Chloroethyl)ether	7.49	93	295635	39.26	ng		90
12) 1,3-Dichlorobenzene	7.97	146	314456	40.18	ng	#	89
13) 1,4-Dichlorobenzene	8.12	146	322279m	40.65	ng		
14) 1,2-Dichlorobenzene	8.43	146	312383	40.13	ng		91
15) Benzyl Alcohol	8.30	79	264604	42.86	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.60	45	393381	36.00	ng		92
17) 2-Methylphenol	8.51	107	274997	41.67	ng	#	84
18) Hexachloroethane	9.16	117	109399	41.64	ng		85
19) n-Nitroso-di-n-propylamine	8.88	70	250809	40.74	ng	#	80
20) 3+4-Methylphenols	8.84	107	396532	42.17	ng		88
22) Acetophenone	8.89	105	485841	40.40	ng	#	80
24) Nitrobenzene	9.27	77	360798	42.02	ng	#	82
25) Isophorone	9.80	82	720389	41.23	ng	#	91
26) 2-Nitrophenol	9.98	139	181863	45.29	ng	#	72
27) 2,4-Dimethylphenol	10.04	122	310443	41.42	ng		88
28) bis(2-Chloroethoxy)methane	10.28	93	437838	39.54	ng		98
29) 2,4-Dichlorophenol	10.52	162	312315	43.66	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	310339	39.90	ng		97
31) Naphthalene	10.93	128	1035055	39.95	ng		100
32) Benzoic acid	10.17	122	269286	47.06	ng	#	74
33) 4-Chloroaniline	11.02	127	471038	41.86	ng	#	86
34) Hexachlorobutadiene	11.22	225	175755	39.71	ng		96
35) Caprolactam	11.79	113	140823	48.75	ng	#	75
36) 4-Chloro-3-methylphenol	12.14	107	383572	44.82	ng	#	80
37) 2-Methylnaphthalene	12.52	142	815607	41.33	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	371888	39.14	ng		99
40) Hexachlorocyclopentadiene	12.87	237	186615	35.89	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	264682	43.13	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	308047	44.22	ng		93
45) 1,1'-Biphenyl	13.52	154	1081675	39.37	ng		97
46) 2-Chloronaphthalene	13.56	162	781718	39.36	ng		99
47) 2-Nitroaniline	13.76	65	291416	46.26	ng	#	73
48) Acenaphthylene	14.40	152	1440085	40.72	ng		99
49) Dimethylphthalate	14.13	163	1042297	40.08	ng		97
50) 2,6-Dinitrotoluene	14.25	165	254665	43.59	ng	#	70
51) Acenaphthene	14.74	154	953657	40.84	ng		100
52) 3-Nitroaniline	14.57	138	291827	44.66	ng	#	74
53) 2,4-Dinitrophenol	14.78	184	142471	46.60	ng		92
54) Dibenzofuran	15.08	168	1256790	40.37	ng		91
55) 4-Nitrophenol	14.87	139	237696	44.69	ng	#	48
56) 2,4-Dinitrotoluene	15.03	165	365009	46.44	ng	#	80
57) Fluorene	15.72	166	1134543	40.78	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	270607	44.03	ng		97
59) Diethylphthalate	15.48	149	1103091	41.01	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	518145	40.19	ng		96
61) 4-Nitroaniline	15.73	138	300447	44.35	ng	#	57
62) Azobenzene	16.00	77	967718	41.85	ng		88
64) 4,6-Dinitro-2-methylphenol	15.79	198	212735	45.12	ng		91
65) n-Nitrosodiphenylamine	15.92	169	997715	40.84	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	348012	41.22	ng		98
67) Hexachlorobenzene	16.72	284	356433	40.96	ng		96
68) Atrazine	16.86	200	358263	41.43	ng		97
69) Pentachlorophenol	17.06	266	233703	43.54	ng		98
70) Phenanthrene	17.45	178	1766462	40.39	ng		97
71) Anthracene	17.55	178	1822393	40.88	ng		98
72) Carbazole	17.80	167	1799447	40.18	ng		98
73) Di-n-butylphthalate	18.36	149	1880719	42.78	ng	#	94
74) Fluoranthene	19.45	202	1923325	39.94	ng		95
76) Benzidine	19.62	184	828384	33.25	ng		98
77) Pyrene	19.81	202	1963603	39.34	ng		99
79) Butylbenzylphthalate	20.69	149	842963	44.50	ng		87
80) Benzo(a)anthracene	21.64	228	1867479	40.52	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	692038	42.13	ng	#	97
82) Chrysene	21.71	228	1795796	40.53	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1191807	43.57	ng	#	98
84) Di-n-octyl phthalate	22.75	149	2053678	45.46	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.51	276	2208033	42.30	ng	#	87
87) Benzo(b)fluoranthene	23.84	252	1953372	41.06	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	1869512	40.27	ng	#	94
89) Benzo(a)pyrene	24.71	252	1846758	40.99	ng	#	94
90) Dibenzo(a,h)anthracene	28.57	278	1844326	40.75	ng	#	93
91) Benzo(g,h,i)perylene	29.65	276	1866302	41.13	ng	#	88

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

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