Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091415\
Data File : BG018661.D
Acq On : 14 Sep 2015 14:32
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 15 01:19:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	70270	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	310490	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	201060	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	537131	20.00	ng		0.00
75) Chrysene-d12	21.63	240	567634	20.00	ng		0.00
86) Perylene-d12	24.82	264	586315	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	330339	81.21	ng		0.00
7) Phenol-d6	7.16	99	474712	81.39	ng		0.00
23) Nitrobenzene-d5	9.17	82	431707	77.80	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	226147	83.53	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	1127527	77.85	ng		0.00
78) Terphenyl-d14	19.98	244	1667912	77.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	68175	40.10	ng	#	100
3) Pyridine	3.87	79	204444	38.79	ng		96
4) n-Nitrosodimethylamine	3.78	42	71092	38.73	ng	#	75
6) Aniline	7.33	93	320608	39.89	ng		97
8) 2-Chlorophenol	7.57	128	191456	40.76	ng		96
9) Benzaldehyde	7.14	77	125018	39.81	ng		93
10) Phenol	7.19	94	248067	40.26	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	188997	39.58	ng		97
12) 1,3-Dichlorobenzene	7.90	146	216245	39.57	ng		97
13) 1,4-Dichlorobenzene	8.04	146	219961	40.13	ng		98
14) 1,2-Dichlorobenzene	8.36	146	213712	40.84	ng		97
15) Benzyl Alcohol	8.24	79	169856	40.40	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.54	45	205138	37.83	ng		99
17) 2-Methylphenol	8.44	107	172914	40.39	ng		96
18) Hexachloroethane	9.09	117	76588	39.08	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	161243	39.25	ng		97
20) 3+4-Methylphenols	8.77	107	242456	40.33	ng		98
22) Acetophenone	8.82	105	305832	38.88	ng	#	98
24) Nitrobenzene	9.21	77	231165	39.23	ng		96
25) Isophorone	9.73	82	449549	37.67	ng		99
26) 2-Nitrophenol	9.92	139	112454	40.91	ng		99
27) 2,4-Dimethylphenol	9.98	122	194500	38.96	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	265896	38.81	ng		98
29) 2,4-Dichlorophenol	10.45	162	205522	40.74	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	223901	40.05	ng		96
31) Naphthalene	10.86	128	657563	39.55	ng		100
32) Benzoic acid	10.11	122	150798	38.31	ng		97
33) 4-Chloroaniline	10.96	127	298055	39.61	ng		97
34) Hexachlorobutadiene	11.15	225	132103	40.08	ng		98
35) Caprolactam	11.74	113	84505	38.96	ng		95
36) 4-Chloro-3-methylphenol	12.08	107	224155	39.83	ng		98
37) 2-Methylnaphthalene	12.46	142	479959	39.44	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	257951	40.45	ng		100
40) Hexachlorocyclopentadiene	12.81	237	135737	42.38	ng		96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	188102	42.59	ng		99
43) 2,4,5-Trichlorophenol	13.14	196	192667	39.77	ng		96
45) 1,1'-Biphenyl	13.47	154	640967	40.09	ng		99
46) 2-Chloronaphthalene	13.51	162	495444	40.22	ng		100
47) 2-Nitroaniline	13.71	65	146754	39.59	ng		85
48) Acenaphthylene	14.35	152	868905	39.90	ng		98
49) Dimethylphthalate	14.08	163	655965	39.40	ng		99
50) 2,6-Dinitrotoluene	14.20	165	148988	41.18	ng		97
51) Acenaphthene	14.69	154	528982	41.76	ng		99
52) 3-Nitroaniline	14.53	138	178531	41.30	ng		96
53) 2,4-Dinitrophenol	14.74	184	62790	38.67	ng		99
54) Dibenzofuran	15.03	168	780516	39.64	ng		99
55) 4-Nitrophenol	14.84	139	138075	41.37	ng		97
56) 2,4-Dinitrotoluene	14.99	165	218512	42.59	ng		97
57) Fluorene	15.68	166	661119	39.00	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.25	232	181876	40.03	ng	#	98
59) Diethylphthalate	15.45	149	674418	38.84	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	328007	40.27	ng		95
61) 4-Nitroaniline	15.69	138	189433	40.65	ng		97
62) Azobenzene	15.96	77	595865	38.83	ng		99
64) 4,6-Dinitro-2-methylphenol	15.75	198	110744	39.36	ng		100
65) n-Nitrosodiphenylamine	15.88	169	596820	38.36	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	218671	40.03	ng		97
67) Hexachlorobenzene	16.68	284	243463	41.02	ng		98
68) Atrazine	16.83	200	235442	38.06	ng		99
69) Pentachlorophenol	17.02	266	156343	42.71	ng		96
70) Phenanthrene	17.41	178	1088346	38.52	ng		99
71) Anthracene	17.51	178	1103485	38.57	ng		99
72) Carbazole	17.77	167	1073960	38.79	ng		98
73) Di-n-butylphthalate	18.33	149	1289930	39.50	ng		99
74) Fluoranthene	19.42	202	1355713	38.75	ng		99
76) Benzidine	19.60	184	697055	40.89	ng		97
77) Pyrene	19.78	202	1375996	39.44	ng		99
79) Butylbenzylphthalate	20.67	149	580747	40.95	ng		93
80) Benzo(a)anthracene	21.62	228	1293519	39.58	ng		97
81) 3,3'-Dichlorobenzidine	21.53	252	516476	41.60	ng		99
82) Chrysene	21.68	228	1198334	38.94	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	834580	40.79	ng		99
84) Di-n-octyl phthalate	22.72	149	1427129	41.24	ng		99
85) Indeno(1,2,3-cd)pyrene	28.45	276	1596104	40.84	ng	#	100
87) Benzo(b)fluoranthene	23.81	252	1353060	39.79	ng		98
88) Benzo(k)fluoranthene	23.88	252	1324619	38.89	ng		98
89) Benzo(a)pyrene	24.68	252	1294353	40.01	ng		99
90) Dibenzo(a,h)anthracene	28.52	278	1290050	40.50	ng		99
91) Benzo(g,h,i)perylene	29.59	276	1289038	39.74	ng		98

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

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