Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021754.D
Acq On : 19 Apr 2016 4:17
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 19 04:58:57 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	45088	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	205804	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	128716	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	279416	20.00	ng		0.00
75) Chrysene-d12	21.84	240	303716	20.00	ng		0.00
86) Perylene-d12	25.17	264	304812	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	212454	78.47	ng		0.00
7) Phenol-d6	7.37	99	312399	77.24	ng		0.01
23) Nitrobenzene-d5	9.38	82	312849	78.13	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	120238	86.67	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	672412	76.54	ng		0.00
78) Terphenyl-d14	20.14	244	957806	78.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	43586	36.16	ng		92
3) Pyridine	4.03	79	123429	34.13	ng		87
4) n-Nitrosodimethylamine	3.94	42	60659	33.84	ng	#	82
6) Aniline	7.53	93	197266	36.88	ng		95
8) 2-Chlorophenol	7.78	128	126956	39.11	ng		96
9) Benzaldehyde	7.34	77	81191	34.72	ng		88
10) Phenol	7.40	94	167232	38.44	ng		97
11) bis(2-Chloroethyl)ether	7.63	93	129560	37.21	ng		92
12) 1,3-Dichlorobenzene	8.10	146	144268	39.80	ng		94
13) 1,4-Dichlorobenzene	8.25	146	145319	39.38	ng		95
14) 1,2-Dichlorobenzene	8.57	146	138820	39.21	ng		98
15) Benzyl Alcohol	8.45	79	116372	37.65	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.74	45	255614	34.28	ng		99
17) 2-Methylphenol	8.65	107	115734	38.48	ng		92
18) Hexachloroethane	9.30	117	53683	39.97	ng	#	71
19) n-Nitroso-di-n-propylamine	9.02	70	109747	34.92	ng	#	93
20) 3+4-Methylphenols	8.98	107	162127	39.40	ng		98
22) Acetophenone	9.04	105	214458	37.41	ng	#	98
24) Nitrobenzene	9.42	77	165255	38.55	ng		96
25) Isophorone	9.95	82	309467	35.31	ng		99
26) 2-Nitrophenol	10.14	139	78194	47.77	ng		96
27) 2,4-Dimethylphenol	10.19	122	130381	35.07	ng		98
28) bis(2-Chloroethoxy)methane	10.42	93	169607	36.42	ng		94
29) 2,4-Dichlorophenol	10.68	162	131983	41.64	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	140613	41.25	ng		94
31) Naphthalene	11.08	128	428670	38.92	ng	#	95
32) Benzoic acid	10.35	122	81691	40.59	ng		94
33) 4-Chloroaniline	11.19	127	179978	37.75	ng		98
34) Hexachlorobutadiene	11.36	225	94512	42.99	ng		97
35) Caprolactam	11.97	113	49687	34.25	ng		95
36) 4-Chloro-3-methylphenol	12.29	107	157251	39.45	ng		99
37) 2-Methylnaphthalene	12.67	142	297938	39.40	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	168291	41.84	ng		98
40) Hexachlorocyclopentadiene	13.00	237	69498	31.10	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	110661	43.14	ng		98
43) 2,4,5-Trichlorophenol	13.34	196	114575	41.39	ng		96
45) 1,1'-Biphenyl	13.67	154	418575	38.60	ng		97
46) 2-Chloronaphthalene	13.71	162	311858	38.89	ng		99
47) 2-Nitroaniline	13.91	65	107397	39.06	ng		94
48) Acenaphthylene	14.55	152	507594	38.29	ng		97
49) Dimethylphthalate	14.27	163	401122	36.04	ng		98
50) 2,6-Dinitrotoluene	14.39	165	89320	42.09	ng		97
51) Acenaphthene	14.89	154	325336	38.39	ng		99
52) 3-Nitroaniline	14.73	138	91998	39.09	ng		99
53) 2,4-Dinitrophenol	14.93	184	24601	34.78	ng		86
54) Dibenzofuran	15.22	168	441078	38.12	ng		98
55) 4-Nitrophenol	15.03	139	75963	37.70	ng		98
56) 2,4-Dinitrotoluene	15.18	165	123666	43.12	ng	#	97
57) Fluorene	15.86	166	388876	37.63	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	95244	41.47	ng		99
59) Diethylphthalate	15.62	149	407308	35.06	ng		96
60) 4-Chlorophenyl-phenylether	15.85	204	198109	38.92	ng		98
61) 4-Nitroaniline	15.89	138	95982	37.06	ng		96
62) Azobenzene	16.15	77	355923	35.75	ng		97
64) 4,6-Dinitro-2-methylphenol	15.94	198	46516	40.88	ng		96
65) n-Nitrosodiphenylamine	16.07	169	336209	40.12	ng		95
66) 4-Bromophenyl-phenylether	16.75	248	127815	42.70	ng		96
67) Hexachlorobenzene	16.86	284	135764	42.96	ng		95
68) Atrazine	17.00	200	123553	37.33	ng		97
69) Pentachlorophenol	17.20	266	66840	37.05	ng		98
70) Phenanthrene	17.60	178	589857	38.30	ng		98
71) Anthracene	17.70	178	605238	38.71	ng		97
72) Carbazole	17.96	167	533974	36.60	ng		98
73) Di-n-butylphthalate	18.50	149	683996	36.85	ng		98
74) Fluoranthene	19.59	202	678472	36.90	ng		98
76) Benzidine	19.77	184	319578	33.80	ng		98
77) Pyrene	19.96	202	687941	39.28	ng		99
79) Butylbenzylphthalate	20.82	149	319288	39.28	ng		99
80) Benzo(a)anthracene	21.82	228	688377	39.38	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	544734	39.37	ng		98
82) Chrysene	21.89	228	650472	38.74	ng		98
83) Bis(2-ethylhexyl)phthalate	21.70	149	462272	38.88	ng	#	100
84) Di-n-octyl phthalate	22.94	149	788103	39.57	ng		98
85) Indeno(1,2,3-cd)pyrene	28.99	276	820097	41.08	ng		97
87) Benzo(b)fluoranthene	24.11	252	687899	38.89	ng		99
88) Benzo(k)fluoranthene	24.18	252	673985	38.97	ng		99
89) Benzo(a)pyrene	25.02	252	670805	39.15	ng		97
90) Dibenzo(a,h)anthracene	29.07	278	685761	39.91	ng		97
91) Benzo(g,h,i)perylene	30.20	276	661917	39.26	ng		96

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

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