Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022716.D
Acq On : 30 Jun 2016 5:58
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 30 07:29:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	134715	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	621909	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	501286	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1221973	20.00	ng	0.01
75) Chrysene-d12	21.86	240	1315674	20.00	ng	0.02
86) Perylene-d12	25.22	264	1326145	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	642938	76.55	ng	0.00
7) Phenol-d6	7.32	99	1032773	87.24	ng	0.02
23) Nitrobenzene-d5	9.34	82	1134291	77.19	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	673616	85.44	ng	0.01
44) 2-Fluorobiphenyl	13.42	172	2365185	74.83	ng	0.00
78) Terphenyl-d14	20.16	244	3220030	64.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	111049	32.62	ng	# 93
3) Pyridine	3.99	79	417209	43.82	ng	# 92
4) n-Nitrosodimethylamine	3.90	42	187096	34.35	ng	100
6) Aniline	7.48	93	695541	44.31	ng	98
8) 2-Chlorophenol	7.73	128	356911	41.02	ng	96
9) Benzaldehyde	7.29	77	216610	51.99	ng	97
10) Phenol	7.35	94	555342	44.38	ng	90
11) bis(2-Chloroethyl)ether	7.57	93	398745	38.71	ng	97
12) 1,3-Dichlorobenzene	8.05	146	398672	37.66	ng	97
13) 1,4-Dichlorobenzene	8.20	146	411528	38.77	ng	92
14) 1,2-Dichlorobenzene	8.52	146	394920	39.13	ng	94
15) Benzyl Alcohol	8.40	79	516502	47.15	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	447528	39.28	ng	96
17) 2-Methylphenol	8.61	107	374535	45.41	ng	96
18) Hexachloroethane	9.25	117	166847	37.98	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	430869	43.70	ng	97
20) 3+4-Methylphenols	8.94	107	518477	45.64	ng	96
22) Acetophenone	8.99	105	698854	38.87	ng	93
24) Nitrobenzene	9.38	77	618175	38.06	ng	94
25) Isophorone	9.91	82	1131956	39.68	ng	97
26) 2-Nitrophenol	10.09	139	254451	43.50	ng	92
27) 2,4-Dimethylphenol	10.15	122	424519	37.98	ng	92
28) bis(2-Chloroethoxy)methane	10.38	93	623118	40.01	ng	97
29) 2,4-Dichlorophenol	10.63	162	483946	44.44	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	508090	39.30	ng	96
31) Naphthalene	11.04	128	1218830	38.99	ng	98
32) Benzoic acid	10.29	122	347940	47.66	ng	94
33) 4-Chloroaniline	11.15	127	623208	46.28	ng	99
34) Hexachlorobutadiene	11.32	225	390765	38.88	ng	99
35) Caprolactam	11.94	113	173188	50.49	ng	91
36) 4-Chloro-3-methylphenol	12.26	107	621483	46.49	ng	96
37) 2-Methylnaphthalene	12.63	142	1013929	41.82	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	696114	36.78	ng	97
40) Hexachlorocyclopentadiene	12.97	237	495850	32.82	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	501071	41.29	ng		97
43) 2,4,5-Trichlorophenol	13.31	196	523566	41.23	ng		96
45) 1,1'-Biphenyl	13.64	154	1398511	36.62	ng		98
46) 2-Chloronaphthalene	13.68	162	1156229	36.80	ng		96
47) 2-Nitroaniline	13.89	65	478831	39.48	ng		91
48) Acenaphthylene	14.53	152	1725871	37.87	ng		98
49) Dimethylphthalate	14.25	163	1564209	37.61	ng		96
50) 2,6-Dinitrotoluene	14.38	165	376340	41.65	ng		86
51) Acenaphthene	14.87	154	1163067	34.64	ng		100
52) 3-Nitroaniline	14.71	138	344286	40.72	ng		96
53) 2,4-Dinitrophenol	14.91	184	242442	43.56	ng		93
54) Dibenzofuran	15.21	168	1822839	37.49	ng		100
55) 4-Nitrophenol	15.02	139	283950	39.71	ng		94
56) 2,4-Dinitrotoluene	15.16	165	535290	42.76	ng		94
57) Fluorene	15.85	166	1505215	38.79	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	569642	43.27	ng	#	97
59) Diethylphthalate	15.61	149	1608713	37.63	ng		94
60) 4-Chlorophenyl-phenylether	15.84	204	913966	39.56	ng		97
61) 4-Nitroaniline	15.88	138	349289	40.04	ng		93
62) Azobenzene	16.13	77	1658761	35.83	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	354792	43.29	ng		92
65) n-Nitrosodiphenylamine	16.06	169	1418082	39.88	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	631253	39.82	ng		94
67) Hexachlorobenzene	16.86	284	683001	40.75	ng		99
68) Atrazine	17.01	200	589731	39.28	ng		97
69) Pentachlorophenol	17.21	266	448522	38.88	ng		97
70) Phenanthrene	17.60	178	2339048	37.54	ng		94
71) Anthracene	17.70	178	2370258	36.96	ng		95
72) Carbazole	17.97	167	2023089	37.21	ng		98
73) Di-n-butylphthalate	18.51	149	2325326	36.73	ng		98
74) Fluoranthene	19.61	202	2633139	36.68	ng		97
76) Benzidine	19.78	184	701818	50.10	ng		97
77) Pyrene	19.97	202	2637977	37.64	ng	#	94
79) Butylbenzylphthalate	20.84	149	1149503	37.89	ng		98
80) Benzo(a)anthracene	21.84	228	2860566	39.29	ng		97
81) 3,3'-Dichlorobenzidine	21.74	252	1127870	37.51	ng		98
82) Chrysene	21.91	228	2664216	38.94	ng		93
83) Bis(2-ethylhexyl)phthalate	21.72	149	1451157	33.98	ng		98
84) Di-n-octyl phthalate	22.98	149	2497168	35.47	ng		98
85) Indeno(1,2,3-cd)pyrene	29.09	276	3383360	37.63	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	3023614	37.92	ng		94
88) Benzo(k)fluoranthene	24.22	252	2965232	39.34	ng	#	95
89) Benzo(a)pyrene	25.06	252	2974157	38.26	ng		96
90) Dibenzo(a,h)anthracene	29.14	278	2836804	38.76	ng	#	98
91) Benzo(g,h,i)perylene	30.29	276	2661337	35.73	ng		97

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

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