Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021762.D
Acq On : 19 Apr 2016 19:37
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 20 03:24:48 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	28323	20.00	ng		-0.01
21) Naphthalene-d8	11.03	136	136242	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	89228	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	209637	20.00	ng		0.00
75) Chrysene-d12	21.84	240	220670	20.00	ng		0.00
86) Perylene-d12	25.17	264	215382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	142928	84.04	ng		0.00
7) Phenol-d6	7.36	99	207950	81.85	ng		0.00
23) Nitrobenzene-d5	9.39	82	218044	82.26	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	88062	91.57	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	493710	81.07	ng		0.00
78) Terphenyl-d14	20.14	244	743128	84.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	24880	32.86	ng	#	84
3) Pyridine	4.03	79	88163	38.81	ng	#	89
4) n-Nitrosodimethylamine	3.95	42	41276	36.66	ng	#	82
6) Aniline	7.53	93	134277	39.96	ng		95
8) 2-Chlorophenol	7.78	128	82988	40.70	ng		96
9) Benzaldehyde	7.35	77	64085	43.62	ng		89
10) Phenol	7.39	94	108868	39.84	ng		97
11) bis(2-Chloroethyl)ether	7.62	93	89286	40.83	ng		93
12) 1,3-Dichlorobenzene	8.10	146	91893	40.36	ng		94
13) 1,4-Dichlorobenzene	8.25	146	93994	40.54	ng		94
14) 1,2-Dichlorobenzene	8.57	146	89684	40.32	ng		95
15) Benzyl Alcohol	8.45	79	78753	40.56	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.74	45	174203	37.19	ng		97
17) 2-Methylphenol	8.65	107	76454	40.47	ng		94
18) Hexachloroethane	9.30	117	34095	40.41	ng	#	82
19) n-Nitroso-di-n-propylamine	9.01	70	77984	39.50	ng		93
20) 3+4-Methylphenols	8.98	107	107983	41.77	ng		97
22) Acetophenone	9.04	105	138468	36.49	ng	#	96
24) Nitrobenzene	9.43	77	111262	39.20	ng		95
25) Isophorone	9.94	82	221237	38.14	ng		99
26) 2-Nitrophenol	10.14	139	51094	47.15	ng		98
27) 2,4-Dimethylphenol	10.18	122	91007	36.97	ng		97
28) bis(2-Chloroethoxy)methane	10.42	93	120008	38.93	ng		92
29) 2,4-Dichlorophenol	10.67	162	86827	41.38	ng		98
30) 1,2,4-Trichlorobenzene	10.89	180	91815	40.69	ng		94
31) Naphthalene	11.08	128	287140	39.38	ng	#	94
32) Benzoic acid	10.32	122	42680	33.96	ng		96
33) 4-Chloroaniline	11.18	127	125734	39.84	ng		97
34) Hexachlorobutadiene	11.35	225	60242	41.39	ng		92
35) Caprolactam	11.95	113	36512	38.02	ng		99
36) 4-Chloro-3-methylphenol	12.29	107	106937	40.52	ng		100
37) 2-Methylnaphthalene	12.67	142	203409	40.64	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	112384	40.30	ng		99
40) Hexachlorocyclopentadiene	13.00	237	67691	43.70	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	75138	42.26	ng		94
43) 2,4,5-Trichlorophenol	13.34	196	78215	40.76	ng		95
45) 1,1'-Biphenyl	13.66	154	279210	37.14	ng		97
46) 2-Chloronaphthalene	13.71	162	219816	39.55	ng		98
47) 2-Nitroaniline	13.90	65	77293	40.56	ng		96
48) Acenaphthylene	14.55	152	362820	39.48	ng		98
49) Dimethylphthalate	14.27	163	302463	39.21	ng		98
50) 2,6-Dinitrotoluene	14.39	165	64281	43.70	ng		93
51) Acenaphthene	14.88	154	238912	40.67	ng		99
52) 3-Nitroaniline	14.73	138	67341	41.28	ng		98
53) 2,4-Dinitrophenol	14.93	184	28601	53.29	ng		88
54) Dibenzofuran	15.22	168	320788	39.99	ng		98
55) 4-Nitrophenol	15.03	139	56208	40.24	ng		98
56) 2,4-Dinitrotoluene	15.17	165	88546	44.54	ng		100
57) Fluorene	15.87	166	288857	40.32	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.44	232	66281	41.63	ng		99
59) Diethylphthalate	15.62	149	310387	38.55	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	145031	41.10	ng		98
61) 4-Nitroaniline	15.88	138	70876	39.48	ng		96
62) Azobenzene	16.14	77	264284	38.30	ng		99
64) 4,6-Dinitro-2-methylphenol	15.94	198	46354	52.52	ng		98
65) n-Nitrosodiphenylamine	16.07	169	249248	39.64	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	95105	42.34	ng		94
67) Hexachlorobenzene	16.86	284	99859	42.12	ng		94
68) Atrazine	17.00	200	98623	39.72	ng		98
69) Pentachlorophenol	17.21	266	50443	37.26	ng		97
70) Phenanthrene	17.60	178	452595	39.17	ng		99
71) Anthracene	17.69	178	461604	39.36	ng		98
72) Carbazole	17.96	167	407508	37.22	ng		99
73) Di-n-butylphthalate	18.50	149	521017	37.42	ng		99
74) Fluoranthene	19.60	202	516187	37.41	ng		99
76) Benzidine	19.77	184	306057	44.55	ng		99
77) Pyrene	19.96	202	526004	41.34	ng		100
79) Butylbenzylphthalate	20.82	149	233862	39.59	ng		99
80) Benzo(a)anthracene	21.81	228	506131	39.85	ng		97
81) 3,3'-Dichlorobenzidine	21.72	252	334374	33.26	ng		98
82) Chrysene	21.88	228	484456	39.71	ng		100
83) Bis(2-ethylhexyl)phthalate	21.69	149	332714	38.51	ng	#	99
84) Di-n-octyl phthalate	22.94	149	575862	39.79	ng		97
85) Indeno(1,2,3-cd)pyrene	28.99	276	577861	39.84	ng		98
87) Benzo(b)fluoranthene	24.10	252	488641	39.10	ng		99
88) Benzo(k)fluoranthene	24.17	252	485495	39.73	ng		99
89) Benzo(a)pyrene	25.01	252	477559	39.44	ng		97
90) Dibenzo(a,h)anthracene	29.05	278	485294	39.97	ng		98
91) Benzo(g,h,i)perylene	30.19	276	472119	39.63	ng		97

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

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