Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022275.D
Acq On : 10 Jun 2016 00:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 10 07:50:18 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	40574	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	197648	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	107672	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	214153	20.00	ng		0.00
75) Chrysene-d12	21.77	240	187810	20.00	ng		0.00
86) Perylene-d12	25.07	264	154303	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	167582	79.86	ng		0.00
7) Phenol-d6	7.28	99	257394	78.01	ng		0.00
23) Nitrobenzene-d5	9.29	82	234923	82.87	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	84239	69.24	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	605250	85.66	ng		0.00
78) Terphenyl-d14	20.08	244	674217	85.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	32759	32.56	ng	#	81
3) Pyridine	3.92	79	92562	34.04	ng		95
4) n-Nitrosodimethylamine	3.84	42	22512	37.03	ng	#	91
6) Aniline	7.44	93	160747	38.35	ng	#	84
8) 2-Chlorophenol	7.68	128	113312	39.07	ng	#	79
9) Benzaldehyde	7.26	77	69627	38.34	ng	#	78
10) Phenol	7.31	94	132023	38.81	ng		84
11) bis(2-Chloroethyl)ether	7.53	93	100024	36.88	ng	#	73
12) 1,3-Dichlorobenzene	8.01	146	119213	38.34	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	121201	39.13	ng		94
14) 1,2-Dichlorobenzene	8.47	146	119897	38.40	ng		95
15) Benzyl Alcohol	8.36	79	79777	37.42	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	105157	37.37	ng		78
17) 2-Methylphenol	8.57	107	94660	37.29	ng	#	85
18) Hexachloroethane	9.20	117	40060	35.42	ng	#	80
19) n-Nitroso-di-n-propylamine	8.92	70	77454	34.68	ng	#	70
20) 3+4-Methylphenols	8.90	107	133278	36.60	ng		96
22) Acetophenone	8.95	105	163352	38.35	ng	#	83
24) Nitrobenzene	9.34	77	116740	40.95	ng	#	78
25) Isophorone	9.85	82	226256	34.11	ng		94
26) 2-Nitrophenol	10.05	139	65085	42.10	ng	#	76
27) 2,4-Dimethylphenol	10.11	122	111379	39.81	ng		89
28) bis(2-Chloroethoxy)methane	10.33	93	141327	37.19	ng		92
29) 2,4-Dichlorophenol	10.59	162	109029	42.06	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	118850	41.03	ng		95
31) Naphthalene	10.99	128	388218	39.35	ng	#	96
32) Benzoic acid	10.25	122	44090	46.57	ng	#	85
33) 4-Chloroaniline	11.10	127	154895	37.76	ng	#	90
34) Hexachlorobutadiene	11.26	225	62495	40.19	ng		95
35) Caprolactam	11.88	113	41511	29.19	ng	#	47
36) 4-Chloro-3-methylphenol	12.22	107	114120	37.14	ng		86
37) 2-Methylnaphthalene	12.59	142	278907	38.29	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	126633	45.69	ng		99
40) Hexachlorocyclopentadiene	12.92	237	4924	8.40	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	84905	45.66	ng		98
43) 2,4,5-Trichlorophenol	13.27	196	85720	41.73	ng	#	93
45) 1,1'-Biphenyl	13.58	154	348209	42.97	ng		96
46) 2-Chloronaphthalene	13.63	162	267862	43.12	ng		96
47) 2-Nitroaniline	13.84	65	63026	42.55	ng	#	54
48) Acenaphthylene	14.48	152	431566	39.60	ng		98
49) Dimethylphthalate	14.19	163	311805	34.93	ng		99
50) 2,6-Dinitrotoluene	14.32	165	71533	36.86	ng	#	78
51) Acenaphthene	14.81	154	257907	39.50	ng		95
52) 3-Nitroaniline	14.66	138	78217	36.34	ng	#	78
53) 2,4-Dinitrophenol	14.88	184	3676	14.93	ng	#	65
54) Dibenzofuran	15.15	168	392920	38.56	ng		98
55) 4-Nitrophenol	14.99	139	49121	33.07	ng	#	73
56) 2,4-Dinitrotoluene	15.12	165	94637	36.35	ng	#	83
57) Fluorene	15.79	166	326148	37.15	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	67822	36.81	ng		96
59) Diethylphthalate	15.55	149	322377	33.80	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	148880	37.45	ng		97
61) 4-Nitroaniline	15.82	138	78602	34.43	ng	#	78
62) Azobenzene	16.07	77	275412	38.14	ng		88
64) 4,6-Dinitro-2-methylphenol	15.89	198	10157	13.76	ng		84
65) n-Nitrosodiphenylamine	15.99	169	268648	43.55	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	87170	43.44	ng		92
67) Hexachlorobenzene	16.80	284	95786	40.96	ng		96
68) Atrazine	16.94	200	86606	37.93	ng		96
69) Pentachlorophenol	17.15	266	34594	36.64	ng		97
70) Phenanthrene	17.54	178	465104	39.99	ng		99
71) Anthracene	17.63	178	468759	40.64	ng		98
72) Carbazole	17.90	167	432870	39.62	ng		100
73) Di-n-butylphthalate	18.43	149	548565	38.41	ng		98
74) Fluoranthene	19.54	202	502127	37.55	ng		97
76) Benzidine	19.71	184	238387	48.54	ng		99
77) Pyrene	19.90	202	498109	42.66	ng		98
79) Butylbenzylphthalate	20.76	149	235806	43.55	ng		91
80) Benzo(a)anthracene	21.75	228	429264	40.76	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	128671	43.52	ng	#	97
82) Chrysene	21.82	228	405798	39.60	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	335408	42.12	ng		96
84) Di-n-octyl phthalate	22.85	149	565014	42.74	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.85	276	288056m	25.05	ng		
87) Benzo(b)fluoranthene	24.02	252	352848	39.21	ng		98
88) Benzo(k)fluoranthene	24.08	252	420999	47.52	ng	#	96
89) Benzo(a)pyrene	24.92	252	361171	41.97	ng	#	94
90) Dibenzo(a,h)anthracene	28.91	278	241083m	29.75	ng		
91) Benzo(g,h,i)perylene	30.04	276	197264m	23.40	ng		

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

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