Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
Data File : BG022354.D
Acq On : 15 Jun 2016 4:42
Operator : UM/SJ
Sample : H3492-06MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-COMPMS

Quant Time: Jun 15 11:22:10 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	22593	20.00	ng		-0.02
21) Naphthalene-d8	10.89	136	121675	20.00	ng		-0.01
38) Acenaphthene-d10	14.71	164	81254	20.00	ng		-0.01
63) Phenanthrene-d10	17.46	188	185455	20.00	ng		-0.01
75) Chrysene-d12	21.73	240	163035	20.00	ng		-0.01
86) Perylene-d12	24.99	264	146860	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	177209	151.65	ng		-0.02
7) Phenol-d6	7.23	99	279818	152.30	ng		-0.02
23) Nitrobenzene-d5	9.24	82	149958	85.92	ng		-0.02
41) 2,4,6-Tribromophenol	16.20	330	106988	116.53	ng		-0.02
44) 2-Fluorobiphenyl	13.33	172	394594	74.01	ng		-0.01
78) Terphenyl-d14	20.05	244	540550	78.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	15759	28.13	ng	#	66
3) Pyridine	3.85	79	46829	30.93	ng		93
4) n-Nitrosodimethylamine	3.77	42	14304	42.25	ng		95
6) Aniline	7.39	93	43584	18.67	ng	#	83
8) 2-Chlorophenol	7.63	128	75266	46.60	ng		84
9) Benzaldehyde	7.23	77	2879	2.85	ng	#	81
10) Phenol	7.26	94	97022	51.22	ng		82
11) bis(2-Chloroethyl)ether	7.49	93	63668	42.16	ng	#	72
12) 1,3-Dichlorobenzene	7.96	146	66583	38.46	ng	#	89
13) 1,4-Dichlorobenzene	8.11	146	68582	39.76	ng		95
14) 1,2-Dichlorobenzene	8.43	146	68090	39.16	ng		94
15) Benzyl Alcohol	8.31	79	54409	45.84	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.60	45	67505	43.08	ng		81
17) 2-Methylphenol	8.52	107	67459	47.72	ng	#	83
18) Hexachloroethane	9.15	117	24993	39.68	ng	#	87
19) n-Nitroso-di-n-propylamine	8.87	70	53193	42.77	ng	#	74
20) 3+4-Methylphenols	8.85	107	95479	47.09	ng		97
22) Acetophenone	8.90	105	105875	40.38	ng	#	81
24) Nitrobenzene	9.28	77	76471	43.57	ng	#	84
25) Isophorone	9.81	82	158934	38.92	ng		94
26) 2-Nitrophenol	10.01	139	43239	45.43	ng	#	75
27) 2,4-Dimethylphenol	10.06	122	74967	43.52	ng		85
28) bis(2-Chloroethoxy)methane	10.29	93	95491	40.82	ng		92
29) 2,4-Dichlorophenol	10.55	162	76837	48.15	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	69466	38.96	ng		98
31) Naphthalene	10.94	128	245376	40.40	ng	#	95
33) 4-Chloroaniline	11.06	127	37569	14.88	ng	#	91
34) Hexachlorobutadiene	11.22	225	34558	36.10	ng		94
35) Caprolactam	11.83	113	35147m	40.15	ng		
36) 4-Chloro-3-methylphenol	12.18	107	93098	49.22	ng	#	85
37) 2-Methylnaphthalene	12.54	142	187506	41.82	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	79724	38.12	ng		98
40) Hexachlorocyclopentadiene	12.88	237	37766	38.28	ng		98
42) 2,4,6-Trichlorophenol	13.15	196	61038	43.50	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.23	196	67507	43.55	ng		94
45) 1,1'-Biphenyl	13.54	154	246897	40.38	ng		95
46) 2-Chloronaphthalene	13.59	162	194682	41.53	ng		96
47) 2-Nitroaniline	13.80	65	52053	46.57	ng	#	60
48) Acenaphthylene	14.44	152	335051	40.74	ng		97
49) Dimethylphthalate	14.16	163	338509	50.25	ng		100
50) 2,6-Dinitrotoluene	14.29	165	60491	41.30	ng	#	82
51) Acenaphthene	14.77	154	199986	40.59	ng		96
52) 3-Nitroaniline	14.62	138	37323	22.98	ng	#	82
53) 2,4-Dinitrophenol	14.84	184	20014	39.82	ng	#	77
54) Dibenzofuran	15.11	168	313387	40.75	ng		99
55) 4-Nitrophenol	14.95	139	89264	79.62	ng	#	76
56) 2,4-Dinitrotoluene	15.08	165	85025	43.28	ng	#	84
57) Fluorene	15.76	166	269926	40.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	54113	38.92	ng		91
59) Diethylphthalate	15.51	149	283221	39.35	ng		99
60) 4-Chlorophenyl-phenylether	15.74	204	121958	40.65	ng		96
61) 4-Nitroaniline	15.79	138	62630	36.35	ng	#	81
62) Azobenzene	16.03	77	239964	44.03	ng		88
64) 4,6-Dinitro-2-methylphenol	15.85	198	34621	38.09	ng		86
65) n-Nitrosodiphenylamine	15.96	169	229788	43.01	ng		100
66) 4-Bromophenyl-phenylether	16.63	248	70540	40.59	ng		98
67) Hexachlorobenzene	16.76	284	77122	38.08	ng		100
68) Atrazine	16.90	200	76364	38.61	ng		95
69) Pentachlorophenol	17.11	266	61878	68.46	ng		98
70) Phenanthrene	17.50	178	401954	39.91	ng		98
71) Anthracene	17.59	178	398112	39.85	ng		98
72) Carbazole	17.86	167	373614	39.49	ng		97
73) Di-n-butylphthalate	18.40	149	490759	39.68	ng		99
74) Fluoranthene	19.50	202	430509	37.18	ng		97
76) Benzidine	19.69	184	55527	13.02	ng		99
77) Pyrene	19.87	202	427493	42.18	ng		99
79) Butylbenzylphthalate	20.73	149	217239	46.22	ng		92
80) Benzo(a)anthracene	21.70	228	373454	40.85	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	60836	23.70	ng		97
82) Chrysene	21.77	228	352852	39.66	ng		99
83) Bis(2-ethylhexyl)phthalate	21.58	149	310191	44.87	ng		96
84) Di-n-octyl phthalate	22.80	149	514841	44.86	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.74	276	387279	38.80	ng	#	85
87) Benzo(b)fluoranthene	23.95	252	354571	41.40	ng	#	97
88) Benzo(k)fluoranthene	24.02	252	345949	41.03	ng	#	95
89) Benzo(a)pyrene	24.84	252	335435	40.96	ng		98
90) Dibenzo(a,h)anthracene	28.79	278	313405	40.63	ng	#	95
91) Benzo(g,h,i)perylene	29.91	276	322504	40.19	ng	#	94

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

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