Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060716\
Data File : BG022224.D
Acq On : 8 Jun 2016 4:07
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 08 06:10:19 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	31394	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	167831	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	102480	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	233351	20.00	ng		0.00
75) Chrysene-d12	21.76	240	222218	20.00	ng		0.00
86) Perylene-d12	25.06	264	213576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	135454	83.42	ng		0.00
7) Phenol-d6	7.28	99	216371	84.75	ng		0.00
23) Nitrobenzene-d5	9.29	82	200786	83.41	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	89946	77.68	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	551823	82.06	ng		0.00
78) Terphenyl-d14	20.08	244	748020	79.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	29306	37.64	ng	#	84
3) Pyridine	3.93	79	81903	38.93	ng		98
4) n-Nitrosodimethylamine	3.84	42	20098	42.72	ng	#	88
6) Aniline	7.43	93	134732	41.54	ng	#	83
8) 2-Chlorophenol	7.68	128	91144	40.61	ng	#	77
9) Benzaldehyde	7.25	77	55977	39.84	ng	#	74
10) Phenol	7.30	94	111811	42.48	ng		84
11) bis(2-Chloroethyl)ether	7.53	93	83425	39.75	ng	#	73
12) 1,3-Dichlorobenzene	8.00	146	94474	39.27	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	96556	40.28	ng		92
14) 1,2-Dichlorobenzene	8.47	146	95422	39.49	ng		92
15) Benzyl Alcohol	8.36	79	66872	40.54	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.64	45	87556	40.21	ng		80
17) 2-Methylphenol	8.56	107	80577	41.02	ng	#	87
18) Hexachloroethane	9.20	117	34149	39.02	ng	#	78
19) n-Nitroso-di-n-propylamine	8.92	70	70495	40.79	ng	#	68
20) 3+4-Methylphenols	8.89	107	114931	40.79	ng		95
22) Acetophenone	8.94	105	147908	40.90	ng	#	79
24) Nitrobenzene	9.33	77	101596	41.97	ng	#	82
25) Isophorone	9.85	82	213715	37.95	ng	#	93
26) 2-Nitrophenol	10.05	139	51947	39.57	ng	#	70
27) 2,4-Dimethylphenol	10.10	122	96234	40.50	ng		91
28) bis(2-Chloroethoxy)methane	10.33	93	127449	39.50	ng		94
29) 2,4-Dichlorophenol	10.58	162	93313	42.39	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	96551	39.26	ng		97
31) Naphthalene	10.99	128	328750	39.24	ng		96
32) Benzoic acid	10.24	122	30210	40.39	ng	#	81
33) 4-Chloroaniline	11.09	127	138737	39.83	ng	#	90
34) Hexachlorobutadiene	11.26	225	50404	38.17	ng		94
35) Caprolactam	11.87	113	41569	34.43	ng	#	42
36) 4-Chloro-3-methylphenol	12.22	107	106167	40.69	ng	#	82
37) 2-Methylnaphthalene	12.58	142	240072	38.82	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	109134	41.37	ng		99
40) Hexachlorocyclopentadiene	12.92	237	45729	36.96	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	73637	41.61	ng		97
43) 2,4,5-Trichlorophenol	13.27	196	82762	42.33	ng		93
45) 1,1'-Biphenyl	13.58	154	321285	41.66	ng		96
46) 2-Chloronaphthalene	13.63	162	245018	41.44	ng		97
47) 2-Nitroaniline	13.84	65	55515	39.38	ng	#	55
48) Acenaphthylene	14.47	152	419710	40.46	ng		98
49) Dimethylphthalate	14.19	163	323809	38.11	ng		99
50) 2,6-Dinitrotoluene	14.32	165	72555	39.28	ng	#	78
51) Acenaphthene	14.81	154	250724	40.34	ng		97
52) 3-Nitroaniline	14.66	138	79035	38.58	ng	#	77
53) 2,4-Dinitrophenol	14.87	184	21747	35.82	ng	#	73
54) Dibenzofuran	15.14	168	386952	39.90	ng		99
55) 4-Nitrophenol	14.98	139	53671	37.96	ng	#	74
56) 2,4-Dinitrotoluene	15.11	165	99206	40.04	ng	#	84
57) Fluorene	15.79	166	329943	39.49	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.37	232	70246	40.06	ng		97
59) Diethylphthalate	15.55	149	346411	38.17	ng		100
60) 4-Chlorophenyl-phenylether	15.78	204	151084	39.93	ng		95
61) 4-Nitroaniline	15.82	138	80421	37.01	ng	#	80
62) Azobenzene	16.07	77	279667	40.69	ng		86
64) 4,6-Dinitro-2-methylphenol	15.88	198	42426	37.24	ng		81
65) n-Nitrosodiphenylamine	15.99	169	279689	41.61	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	90430	41.36	ng		96
67) Hexachlorobenzene	16.79	284	101933	40.00	ng		96
68) Atrazine	16.94	200	95942	38.56	ng		98
69) Pentachlorophenol	17.15	266	37296	36.32	ng		98
70) Phenanthrene	17.53	178	504530	39.81	ng		99
71) Anthracene	17.62	178	509121	40.50	ng		96
72) Carbazole	17.89	167	463009	38.89	ng		99
73) Di-n-butylphthalate	18.43	149	601065	38.62	ng		98
74) Fluoranthene	19.53	202	556591	38.20	ng		97
76) Benzidine	19.71	184	220118	37.88	ng	#	95
77) Pyrene	19.90	202	551609	39.93	ng		99
79) Butylbenzylphthalate	20.76	149	251892	39.32	ng		92
80) Benzo(a)anthracene	21.75	228	500344	40.15	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	136728	39.08	ng		97
82) Chrysene	21.81	228	472143	38.94	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	378918	40.22	ng		96
84) Di-n-octyl phthalate	22.85	149	636711	40.70	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.84	276	564062	41.47	ng	#	87
87) Benzo(b)fluoranthene	24.01	252	496818	39.89	ng	#	97
88) Benzo(k)fluoranthene	24.08	252	495552	40.41	ng	#	97
89) Benzo(a)pyrene	24.91	252	475903	39.96	ng	#	97
90) Dibenzo(a,h)anthracene	28.90	278	464467	41.41	ng	#	95
91) Benzo(g,h,i)perylene	30.02	276	471671	40.42	ng		95

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

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