Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020129.D
Acq On : 12 Dec 2015 5:53
Operator : UM/SJ
Sample : G4755-05MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121015-D534-E-U-MMS

Quant Time: Dec 14 10:45:41 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	18960	20.00	ng		-0.04
21) Naphthalene-d8	10.92	136	82901	20.00	ng		-0.03
38) Acenaphthene-d10	14.73	164	60941	20.00	ng		-0.03
63) Phenanthrene-d10	17.47	188	160766	20.00	ng		-0.04
75) Chrysene-d12	21.74	240	185052	20.00	ng		-0.05
86) Perylene-d12	25.01	264	171292	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	123721	117.94	ng		-0.02
7) Phenol-d6	7.25	99	184301	116.36	ng		-0.02
23) Nitrobenzene-d5	9.27	82	120126	73.95	ng		-0.03
41) 2,4,6-Tribromophenol	16.22	330	104155	111.70	ng		-0.03
44) 2-Fluorobiphenyl	13.36	172	277104	62.09	ng		-0.03
78) Terphenyl-d14	20.07	244	501774	66.14	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	12460	30.49	ng	#	100
3) Pyridine	3.91	79	36098	29.08	ng		92
4) n-Nitrosodimethylamine	3.83	42	21365	32.73	ng		85
6) Aniline	7.42	93	53439	26.05	ng	#	85
8) 2-Chlorophenol	7.66	128	49061	38.35	ng		98
9) Benzaldehyde	7.23	77	28222	26.72	ng		95
10) Phenol	7.28	94	68127	40.87	ng		81
11) bis(2-Chloroethyl)ether	7.52	93	44639	36.16	ng		94
12) 1,3-Dichlorobenzene	7.99	146	49576	34.19	ng	#	93
13) 1,4-Dichlorobenzene	8.13	146	49704	33.19	ng		92
14) 1,2-Dichlorobenzene	8.46	146	49206	34.45	ng		94
15) Benzyl Alcohol	8.34	79	51726	37.22	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.63	45	64614	32.09	ng		94
17) 2-Methylphenol	8.54	107	45439	38.61	ng	#	90
18) Hexachloroethane	9.19	117	18143	32.36	ng		90
19) n-Nitroso-di-n-propylamine	8.90	70	42082	33.69	ng		93
20) 3+4-Methylphenols	8.87	107	63896	38.56	ng		93
22) Acetophenone	8.93	105	76858	33.82	ng	#	94
24) Nitrobenzene	9.31	77	62462	35.45	ng		90
25) Isophorone	9.83	82	116893	33.57	ng	#	97
26) 2-Nitrophenol	10.02	139	27560	40.50	ng	#	76
27) 2,4-Dimethylphenol	10.08	122	52881	37.32	ng		93
28) bis(2-Chloroethoxy)methane	10.31	93	63581	37.36	ng		98
29) 2,4-Dichlorophenol	10.56	162	57689	39.85	ng		96
30) 1,2,4-Trichlorobenzene	10.78	180	55635	34.00	ng		98
31) Naphthalene	10.96	128	154444	34.78	ng		99
33) 4-Chloroaniline	11.07	127	40054	20.47	ng		94
34) Hexachlorobutadiene	11.25	225	39391	32.64	ng		97
35) Caprolactam	11.83	113	20071m	37.24	ng		
36) 4-Chloro-3-methylphenol	12.19	107	67835	37.62	ng		94
37) 2-Methylnaphthalene	12.56	142	117040	35.96	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	75886	32.81	ng		99
40) Hexachlorocyclopentadiene	12.91	237	95190	72.19	ng		99
42) 2,4,6-Trichlorophenol	13.16	196	55633	36.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.24	196	61433	37.96	ng		97
45) 1,1'-Biphenyl	13.57	154	161230	32.24	ng		98
46) 2-Chloronaphthalene	13.61	162	127550	33.09	ng		95
47) 2-Nitroaniline	13.81	65	47530	39.04	ng		90
48) Acenaphthylene	14.45	152	218515	33.28	ng		98
49) Dimethylphthalate	14.18	163	244252	44.56	ng		98
50) 2,6-Dinitrotoluene	14.30	165	40111	38.92	ng	#	83
51) Acenaphthene	14.79	154	127953	32.11	ng		99
52) 3-Nitroaniline	14.63	138	32215	30.09	ng		89
53) 2,4-Dinitrophenol	14.83	184	29989	57.61	ng		88
54) Dibenzofuran	15.12	168	219333	37.00	ng		93
55) 4-Nitrophenol	14.93	139	70946	76.08	ng	#	65
56) 2,4-Dinitrotoluene	15.08	165	59871	41.64	ng	#	93
57) Fluorene	15.78	166	177647	33.48	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.35	232	62600	41.80	ng		95
59) Diethylphthalate	15.54	149	198074	33.39	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	98344	32.28	ng		99
61) 4-Nitroaniline	15.79	138	45554	37.83	ng	#	77
62) Azobenzene	16.05	77	171905	34.82	ng		95
64) 4,6-Dinitro-2-methylphenol	15.85	198	35728	40.63	ng		95
65) n-Nitrosodiphenylamine	15.98	169	165287	35.53	ng		95
66) 4-Bromophenyl-phenylether	16.66	248	67320	33.70	ng		95
67) Hexachlorobenzene	16.77	284	72021	34.61	ng		95
68) Atrazine	16.92	200	72572	35.90	ng		97
69) Pentachlorophenol	17.12	266	91710	75.51	ng		92
70) Phenanthrene	17.52	178	316490	34.79	ng		97
71) Anthracene	17.60	178	322142	34.77	ng		96
72) Carbazole	17.87	167	289854	35.51	ng		98
73) Di-n-butylphthalate	18.42	149	331525	33.14	ng		99
74) Fluoranthene	19.52	202	397768	34.19	ng		92
76) Benzidine	19.69	184	155122	25.52	ng		96
77) Pyrene	19.88	202	406077	37.30	ng		95
79) Butylbenzylphthalate	20.75	149	143575	33.65	ng		97
80) Benzo(a)anthracene	21.72	228	391571	34.57	ng		98
81) 3,3'-Dichlorobenzidine	21.63	252	77418	17.95	ng	#	96
82) Chrysene	21.79	228	349060	32.46	ng		94
83) Bis(2-ethylhexyl)phthalate	21.62	149	206552	32.98	ng		95
84) Di-n-octyl phthalate	22.84	149	358568	35.22	ng		97
85) Indeno(1,2,3-cd)pyrene	28.74	276	432180	36.48	ng	#	100
87) Benzo(b)fluoranthene	23.97	252	378590	34.87	ng	#	94
88) Benzo(k)fluoranthene	24.04	252	363884	33.84	ng	#	95
89) Benzo(a)pyrene	24.85	252	360089	34.94	ng	#	94
90) Dibenzo(a,h)anthracene	28.80	278	359541	35.31	ng	#	92
91) Benzo(g,h,i)perylene	29.90	276	350605	35.06	ng	#	90

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

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