Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019960.D
Acq On : 6 Dec 2015 10:34
Operator : UM/NP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 07 03:14:51 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	8.12	152	38018	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	166242	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	114456	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	284445	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	339501	20.00	ng		-0.03
86) Perylene-d12	25.04	264	327612	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	179392	85.28	ng		-0.01
7) Phenol-d6	7.26	99	266655	83.96	ng		0.00
23) Nitrobenzene-d5	9.28	82	280757	86.19	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	133500	76.23	ng		-0.01
44) 2-Fluorobiphenyl	13.37	172	668807	79.79	ng		-0.02
78) Terphenyl-d14	20.09	244	1057528	75.98	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	35562	43.40	ng	#	100
3) Pyridine	3.93	79	105792	42.51	ng		86
4) n-Nitrosodimethylamine	3.84	42	50989	38.95	ng	#	86
6) Aniline	7.44	93	169944	41.32	ng	#	85
8) 2-Chlorophenol	7.68	128	106667	41.59	ng		93
9) Benzaldehyde	7.25	77	82076	38.75	ng		89
10) Phenol	7.29	94	141295	42.27	ng		80
11) bis(2-Chloroethyl)ether	7.53	93	105722	42.71	ng		89
12) 1,3-Dichlorobenzene	8.01	146	119190	41.00	ng	#	95
13) 1,4-Dichlorobenzene	8.15	146	121487	40.46	ng	#	93
14) 1,2-Dichlorobenzene	8.47	146	115238	40.24	ng	#	95
15) Benzyl Alcohol	8.35	79	110903	39.79	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	169585	42.00	ng		94
17) 2-Methylphenol	8.55	107	97074	41.14	ng	#	92
18) Hexachloroethane	9.21	117	45276	40.27	ng		94
19) n-Nitroso-di-n-propylamine	8.92	70	99202	39.61	ng		93
20) 3+4-Methylphenols	8.88	107	137380	41.34	ng		91
22) Acetophenone	8.94	105	190845	41.88	ng	#	93
24) Nitrobenzene	9.33	77	152702	43.22	ng		91
25) Isophorone	9.85	82	282379	40.44	ng	#	96
26) 2-Nitrophenol	10.04	139	66610	48.81	ng	#	72
27) 2,4-Dimethylphenol	10.09	122	114933	40.44	ng		91
28) bis(2-Chloroethoxy)methane	10.33	93	144055	42.21	ng		100
29) 2,4-Dichlorophenol	10.57	162	120709	41.58	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	131719	40.14	ng		96
31) Naphthalene	10.98	128	364113	40.89	ng		98
32) Benzoic acid	10.23	122	93058	48.52	ng		93
33) 4-Chloroaniline	11.08	127	159816	40.72	ng	#	91
34) Hexachlorobutadiene	11.27	225	93754	38.74	ng		95
35) Caprolactam	11.87	113	43195	39.97	ng	#	80
36) 4-Chloro-3-methylphenol	12.19	107	143907	39.80	ng		95
37) 2-Methylnaphthalene	12.58	142	258738	39.64	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	173631	39.98	ng		99
40) Hexachlorocyclopentadiene	12.92	237	98674	39.84	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	116897	40.65	ng		98
43) 2,4,5-Trichlorophenol	13.25	196	120740	39.73	ng		96
45) 1,1'-Biphenyl	13.58	154	376582	40.09	ng		100
46) 2-Chloronaphthalene	13.63	162	292038	40.34	ng		95
47) 2-Nitroaniline	13.82	65	103363	45.20	ng		93
48) Acenaphthylene	14.47	152	489755	39.71	ng		99
49) Dimethylphthalate	14.20	163	400775	38.93	ng		98
50) 2,6-Dinitrotoluene	14.32	165	86523	44.70	ng	#	82
51) Acenaphthene	14.81	154	299913	40.08	ng		99
52) 3-Nitroaniline	14.64	138	89856	44.68	ng		98
53) 2,4-Dinitrophenol	14.84	184	34181	38.60	ng		90
54) Dibenzofuran	15.14	168	432558	38.86	ng		93
55) 4-Nitrophenol	14.94	139	71914	41.06	ng	#	73
56) 2,4-Dinitrotoluene	15.10	165	124203	45.99	ng		90
57) Fluorene	15.79	166	378178	37.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	109430	38.90	ng		99
59) Diethylphthalate	15.56	149	410459	36.84	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	215671	37.70	ng		97
61) 4-Nitroaniline	15.80	138	95216	42.10	ng	#	74
62) Azobenzene	16.07	77	350869	37.84	ng		95
64) 4,6-Dinitro-2-methylphenol	15.85	198	70574	44.65	ng		91
65) n-Nitrosodiphenylamine	15.99	169	333202	40.48	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	144550	40.90	ng		95
67) Hexachlorobenzene	16.79	284	144790	39.32	ng		99
68) Atrazine	16.94	200	142389	39.81	ng		98
69) Pentachlorophenol	17.13	266	94812	44.12	ng		92
70) Phenanthrene	17.53	178	633527	39.37	ng		97
71) Anthracene	17.62	178	646972	39.47	ng		97
72) Carbazole	17.89	167	573602	39.72	ng		98
73) Di-n-butylphthalate	18.44	149	707563	39.98	ng		99
74) Fluoranthene	19.53	202	799364	38.83	ng		95
76) Benzidine	19.70	184	424431	38.06	ng		98
77) Pyrene	19.89	202	790412	39.57	ng		97
79) Butylbenzylphthalate	20.77	149	334897	42.78	ng		97
80) Benzo(a)anthracene	21.74	228	813287	39.13	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	303057	38.29	ng		99
82) Chrysene	21.81	228	774228	39.24	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	476821	41.50	ng		99
84) Di-n-octyl phthalate	22.88	149	818811	43.84	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.79	276	940849	43.29	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	811461	39.08	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	776482	37.76	ng	#	97
89) Benzo(a)pyrene	24.89	252	769025	39.01	ng	#	96
90) Dibenzo(a,h)anthracene	28.86	278	782043	40.15	ng	#	93
91) Benzo(g,h,i)perylene	29.97	276	771669	40.35	ng	#	93

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

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