Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020103.D
Acq On : 11 Dec 2015 9:57
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 11 14:38:13 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	8.11	152	19318	20.00	ng		-0.03
21) Naphthalene-d8	10.92	136	83886	20.00	ng		-0.03
38) Acenaphthene-d10	14.74	164	56481	20.00	ng		-0.03
63) Phenanthrene-d10	17.48	188	137893	20.00	ng		-0.03
75) Chrysene-d12	21.75	240	171457	20.00	ng		-0.04
86) Perylene-d12	25.03	264	159825	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	89706	83.93	ng		-0.02
7) Phenol-d6	7.26	99	134145	83.12	ng		-0.02
23) Nitrobenzene-d5	9.28	82	137108	83.42	ng		-0.02
41) 2,4,6-Tribromophenol	16.22	330	66905	77.42	ng		-0.02
44) 2-Fluorobiphenyl	13.36	172	329254	79.60	ng		-0.03
78) Terphenyl-d14	20.08	244	554329	78.86	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	17034	40.91	ng	#	100
3) Pyridine	3.93	79	52236	41.31	ng		96
4) n-Nitrosodimethylamine	3.84	42	23108	34.74	ng		83
6) Aniline	7.43	93	84352	40.36	ng	#	85
8) 2-Chlorophenol	7.67	128	54464	41.79	ng		97
9) Benzaldehyde	7.24	77	37786	35.11	ng		90
10) Phenol	7.29	94	70724	41.64	ng		80
11) bis(2-Chloroethyl)ether	7.52	93	51411	40.87	ng		92
12) 1,3-Dichlorobenzene	8.00	146	58863	39.84	ng	#	93
13) 1,4-Dichlorobenzene	8.15	146	60803	39.85	ng		93
14) 1,2-Dichlorobenzene	8.47	146	58824	40.42	ng		93
15) Benzyl Alcohol	8.34	79	51967	36.70	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	74826	36.47	ng		93
17) 2-Methylphenol	8.54	107	49184	41.02	ng	#	92
18) Hexachloroethane	9.20	117	22257	38.96	ng		95
19) n-Nitroso-di-n-propylamine	8.91	70	45054	35.40	ng		95
20) 3+4-Methylphenols	8.87	107	67700	40.10	ng		92
22) Acetophenone	8.93	105	91095	39.62	ng	#	93
24) Nitrobenzene	9.32	77	73675	41.32	ng		92
25) Isophorone	9.84	82	126678	35.95	ng	#	97
26) 2-Nitrophenol	10.03	139	32324	46.94	ng	#	69
27) 2,4-Dimethylphenol	10.08	122	55815	38.92	ng		91
28) bis(2-Chloroethoxy)methane	10.32	93	67482	39.19	ng		97
29) 2,4-Dichlorophenol	10.57	162	61239	41.80	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	67186	40.58	ng		95
31) Naphthalene	10.98	128	178920	39.81	ng		99
32) Benzoic acid	10.21	122	46991	48.55	ng		92
33) 4-Chloroaniline	11.08	127	77258	39.01	ng	#	92
34) Hexachlorobutadiene	11.26	225	46537	38.11	ng		96
35) Caprolactam	11.86	113	19522	35.80	ng	#	81
36) 4-Chloro-3-methylphenol	12.19	107	68477	37.53	ng		98
37) 2-Methylnaphthalene	12.58	142	125002	37.96	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	89596	41.80	ng		99
40) Hexachlorocyclopentadiene	12.92	237	29546	24.18	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	59469	41.91	ng		98
43) 2,4,5-Trichlorophenol	13.24	196	59869	39.92	ng		97
45) 1,1'-Biphenyl	13.57	154	182915	39.46	ng		99
46) 2-Chloronaphthalene	13.62	162	144894	40.55	ng		97
47) 2-Nitroaniline	13.81	65	46878	41.54	ng		91
48) Acenaphthylene	14.46	152	236170	38.81	ng		98
49) Dimethylphthalate	14.19	163	184554	36.32	ng		98
50) 2,6-Dinitrotoluene	14.31	165	40741	42.65	ng	#	82
51) Acenaphthene	14.80	154	142117	38.48	ng		98
52) 3-Nitroaniline	14.64	138	41496	41.81	ng	#	95
53) 2,4-Dinitrophenol	14.84	184	12310	30.68	ng		91
54) Dibenzofuran	15.14	168	211498	38.50	ng		94
55) 4-Nitrophenol	14.93	139	32716	37.85	ng	#	71
56) 2,4-Dinitrotoluene	15.09	165	58067	43.57	ng	#	89
57) Fluorene	15.78	166	183435	37.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.35	232	54331	39.14	ng		96
59) Diethylphthalate	15.54	149	189383	34.44	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	106176	37.61	ng		99
61) 4-Nitroaniline	15.80	138	43365	38.85	ng	#	79
62) Azobenzene	16.07	77	161053	35.20	ng		93
64) 4,6-Dinitro-2-methylphenol	15.85	198	24797	34.04	ng		94
65) n-Nitrosodiphenylamine	15.98	169	160938	40.33	ng		94
66) 4-Bromophenyl-phenylether	16.66	248	69175	40.37	ng		95
67) Hexachlorobenzene	16.79	284	72527	40.63	ng		96
68) Atrazine	16.93	200	64326	37.10	ng		96
69) Pentachlorophenol	17.13	266	42120	40.43	ng		92
70) Phenanthrene	17.52	178	303259	38.87	ng		97
71) Anthracene	17.62	178	314439	39.57	ng		96
72) Carbazole	17.88	167	272893	38.98	ng		97
73) Di-n-butylphthalate	18.43	149	327042	38.11	ng		98
74) Fluoranthene	19.53	202	394869	39.57	ng		93
76) Benzidine	19.70	184	184953	32.84	ng		96
77) Pyrene	19.89	202	398424	39.50	ng		95
79) Butylbenzylphthalate	20.77	149	156665	39.62	ng		96
80) Benzo(a)anthracene	21.74	228	409841	39.05	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	147687	36.95	ng	#	98
82) Chrysene	21.80	228	388495	38.99	ng		96
83) Bis(2-ethylhexyl)phthalate	21.63	149	218585	37.67	ng	#	98
84) Di-n-octyl phthalate	22.86	149	377327	40.00	ng	#	96
85) Indeno(1,2,3-cd)pyrene	28.77	276	394615	35.95	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	381094	37.62	ng	#	94
88) Benzo(k)fluoranthene	24.06	252	392254	39.10	ng	#	95
89) Benzo(a)pyrene	24.88	252	370641	38.54	ng	#	95
90) Dibenzo(a,h)anthracene	28.84	278	333023	35.05	ng	#	92
91) Benzo(g,h,i)perylene	29.95	276	289299	31.01	ng	#	92

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

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