Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
Data File : BG020025.D
Acq On : 9 Dec 2015 2:57
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 09 07:11:42 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	19237	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	84442	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	59520	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	151563	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	189552	20.00	ng		-0.04
86) Perylene-d12	25.03	264	175864	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	95725	89.94	ng		-0.02
7) Phenol-d6	7.26	99	144610	89.99	ng		-0.01
23) Nitrobenzene-d5	9.28	82	141969	85.80	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	76402	83.89	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	356553	81.79	ng		-0.02
78) Terphenyl-d14	20.08	244	623429	80.22	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	17610	42.47	ng	#	100
3) Pyridine	3.92	79	54611	43.37	ng		89
4) n-Nitrosodimethylamine	3.84	42	24616	37.17	ng		86
6) Aniline	7.43	93	89686	43.10	ng	#	86
8) 2-Chlorophenol	7.67	128	57555	44.35	ng		91
9) Benzaldehyde	7.24	77	38653	36.07	ng		93
10) Phenol	7.29	94	75264	44.50	ng		80
11) bis(2-Chloroethyl)ether	7.53	93	52940	42.26	ng		86
12) 1,3-Dichlorobenzene	8.00	146	61692	41.94	ng	#	93
13) 1,4-Dichlorobenzene	8.15	146	63309	41.67	ng		97
14) 1,2-Dichlorobenzene	8.47	146	61960	42.76	ng	#	93
15) Benzyl Alcohol	8.35	79	56178	39.84	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.64	45	79574	38.95	ng		94
17) 2-Methylphenol	8.55	107	51449	43.09	ng	#	92
18) Hexachloroethane	9.21	117	22853	40.17	ng		91
19) n-Nitroso-di-n-propylamine	8.92	70	48646	38.38	ng		92
20) 3+4-Methylphenols	8.88	107	73066	43.46	ng		90
22) Acetophenone	8.94	105	96540	41.71	ng	#	91
24) Nitrobenzene	9.32	77	77293	43.07	ng		90
25) Isophorone	9.85	82	137972	38.90	ng	#	97
26) 2-Nitrophenol	10.03	139	34253	49.42	ng	#	71
27) 2,4-Dimethylphenol	10.09	122	59499	41.22	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	71050	40.99	ng		99
29) 2,4-Dichlorophenol	10.57	162	63748	43.23	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	69730	41.84	ng		98
31) Naphthalene	10.98	128	190034	42.01	ng		99
32) Benzoic acid	10.22	122	49315	50.36	ng		93
33) 4-Chloroaniline	11.08	127	81502	40.89	ng	#	93
34) Hexachlorobutadiene	11.26	225	50651	41.20	ng		98
35) Caprolactam	11.86	113	21280	38.77	ng	#	74
36) 4-Chloro-3-methylphenol	12.20	107	75557	41.14	ng		94
37) 2-Methylnaphthalene	12.57	142	134229	40.49	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	94751	41.95	ng		99
40) Hexachlorocyclopentadiene	12.92	237	43225	33.56	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	62112	41.54	ng		97
43) 2,4,5-Trichlorophenol	13.25	196	67576	42.76	ng		96
45) 1,1'-Biphenyl	13.58	154	198050	40.55	ng		99
46) 2-Chloronaphthalene	13.62	162	157081	41.72	ng		95
47) 2-Nitroaniline	13.82	65	53735	45.19	ng		90
48) Acenaphthylene	14.46	152	259776	40.51	ng		100
49) Dimethylphthalate	14.19	163	205555	38.39	ng		99
50) 2,6-Dinitrotoluene	14.31	165	44889	44.59	ng	#	78
51) Acenaphthene	14.81	154	156901	40.32	ng		98
52) 3-Nitroaniline	14.64	138	45869	43.86	ng	#	96
53) 2,4-Dinitrophenol	14.84	184	14085	32.51	ng	#	77
54) Dibenzofuran	15.14	168	233370	40.31	ng		95
55) 4-Nitrophenol	14.93	139	37679	41.37	ng	#	70
56) 2,4-Dinitrotoluene	15.09	165	64437	45.88	ng	#	87
57) Fluorene	15.79	166	203622	39.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	61590	42.11	ng		95
59) Diethylphthalate	15.55	149	213794	36.90	ng		96
60) 4-Chlorophenyl-phenylether	15.78	204	115831	38.93	ng		99
61) 4-Nitroaniline	15.80	138	50288	42.75	ng	#	76
62) Azobenzene	16.07	77	182499	37.85	ng		95
64) 4,6-Dinitro-2-methylphenol	15.86	198	32089	39.00	ng		91
65) n-Nitrosodiphenylamine	15.99	169	178942	40.80	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	77733	41.27	ng		95
67) Hexachlorobenzene	16.79	284	80996	41.29	ng		98
68) Atrazine	16.93	200	74001	38.83	ng		95
69) Pentachlorophenol	17.13	266	48886	42.69	ng		90
70) Phenanthrene	17.53	178	346249	40.38	ng		97
71) Anthracene	17.61	178	354976	40.64	ng		97
72) Carbazole	17.88	167	307361	39.95	ng		97
73) Di-n-butylphthalate	18.44	149	380022	40.29	ng		98
74) Fluoranthene	19.52	202	449819	41.01	ng		93
76) Benzidine	19.71	184	210369	33.79	ng		97
77) Pyrene	19.89	202	455234	40.82	ng		95
79) Butylbenzylphthalate	20.77	149	178188	40.77	ng		96
80) Benzo(a)anthracene	21.74	228	459345	39.59	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	167984	38.01	ng		99
82) Chrysene	21.80	228	444656	40.36	ng		96
83) Bis(2-ethylhexyl)phthalate	21.63	149	254972	39.75	ng	#	96
84) Di-n-octyl phthalate	22.87	149	438867	42.08	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.78	276	521751	42.99	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	443528	39.79	ng	#	93
88) Benzo(k)fluoranthene	24.07	252	446515	40.45	ng	#	95
89) Benzo(a)pyrene	24.88	252	430575	40.69	ng	#	96
90) Dibenzo(a,h)anthracene	28.85	278	428239	40.96	ng	#	93
91) Benzo(g,h,i)perylene	29.96	276	425864	41.48	ng	#	92

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

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