Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017137.D
Acq On : 14 May 2015 12:45
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 15 04:16:28 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 16:12:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	50263	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	243158	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	154912	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	340029	20.00	ng		0.00
75) Chrysene-d12	21.30	240	349451	20.00	ng		0.00
86) Perylene-d12	23.56	264	336858	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	245182	86.55	ng		0.00
7) Phenol-d6	6.91	99	356017	89.55	ng		0.00
23) Nitrobenzene-d5	8.87	82	430729	82.70	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	146060	78.00	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	850503	80.56	ng		0.00
78) Terphenyl-d14	19.74	244	1341231	79.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	50449	45.13	ng		95
3) Pyridine	3.57	79	156529	46.29	ng		96
4) n-Nitrosodimethylamine	3.49	42	104145	40.58	ng	#	98
6) Aniline	7.04	93	247560	45.01	ng		99
8) 2-Chlorophenol	7.28	128	143934	42.47	ng		96
9) Benzaldehyde	6.85	77	112517	45.91	ng		95
10) Phenol	6.93	94	188355	44.67	ng		94
11) bis(2-Chloroethyl)ether	7.14	93	144432	45.69	ng		96
12) 1,3-Dichlorobenzene	7.59	146	155832	41.17	ng		97
13) 1,4-Dichlorobenzene	7.74	146	157574	41.24	ng		94
14) 1,2-Dichlorobenzene	8.06	146	145095	39.76	ng		96
15) Benzyl Alcohol	7.95	79	162156	41.98	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	246816	48.15	ng		99
17) 2-Methylphenol	8.17	107	131550	43.03	ng		91
18) Hexachloroethane	8.78	117	66040	41.38	ng		93
19) n-Nitroso-di-n-propylamine	8.52	70	153937	44.44	ng		93
20) 3+4-Methylphenols	8.50	107	183182	43.12	ng		92
22) Acetophenone	8.53	105	240252	40.71	ng	#	95
24) Nitrobenzene	8.91	77	209062	41.03	ng		97
25) Isophorone	9.43	82	399736	41.64	ng		98
26) 2-Nitrophenol	9.62	139	93577	41.08	ng		91
27) 2,4-Dimethylphenol	9.70	122	153642	40.98	ng		94
28) bis(2-Chloroethoxy)methane	9.92	93	200253	42.85	ng		96
29) 2,4-Dichlorophenol	10.17	162	147330	41.65	ng		93
30) 1,2,4-Trichlorobenzene	10.37	180	153197	38.18	ng		98
31) Naphthalene	10.55	128	475423	39.96	ng		95
32) Benzoic acid	9.84	122	91648	36.07	ng		89
33) 4-Chloroaniline	10.67	127	237486	42.20	ng		96
34) Hexachlorobutadiene	10.84	225	92815	36.53	ng		96
35) Caprolactam	11.44	113	71543	40.23	ng	#	83
36) 4-Chloro-3-methylphenol	11.82	107	184361	41.25	ng		99
37) 2-Methylnaphthalene	12.17	142	368433	39.04	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	175302	40.00	ng		98
40) Hexachlorocyclopentadiene	12.52	237	102141	38.20	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	127495	41.01	ng		96
43) 2,4,5-Trichlorophenol	12.88	196	130942	40.88	ng		98
45) 1,1'-Biphenyl	13.19	154	460445	41.27	ng		99
46) 2-Chloronaphthalene	13.23	162	363745	41.17	ng		98
47) 2-Nitroaniline	13.45	65	151380	44.04	ng		96
48) Acenaphthylene	14.08	152	627398	41.46	ng		99
49) Dimethylphthalate	13.83	163	490937	40.53	ng		98
50) 2,6-Dinitrotoluene	13.95	165	111377	41.49	ng		95
51) Acenaphthene	14.43	154	366287	40.98	ng		99
52) 3-Nitroaniline	14.27	138	127139	42.69	ng		96
53) 2,4-Dinitrophenol	14.48	184	57583	36.95	ng		97
54) Dibenzofuran	14.76	168	536308	40.37	ng		97
55) 4-Nitrophenol	14.63	139	101153	42.18	ng		90
56) 2,4-Dinitrotoluene	14.73	165	158109	42.23	ng		93
57) Fluorene	15.41	166	480746	40.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.00	232	117773	40.06	ng		98
59) Diethylphthalate	15.19	149	517624	39.78	ng		98
60) 4-Chlorophenyl-phenylether	15.41	204	235769	39.03	ng		95
61) 4-Nitroaniline	15.44	138	144473	43.48	ng		97
62) Azobenzene	15.70	77	538697	43.34	ng		94
64) 4,6-Dinitro-2-methylphenol	15.50	198	92659	39.76	ng		97
65) n-Nitrosodiphenylamine	15.63	169	432774	41.46	ng		97
66) 4-Bromophenyl-phenylether	16.30	248	146808	39.59	ng		98
67) Hexachlorobenzene	16.41	284	155940	39.85	ng		98
68) Atrazine	16.58	200	154392	40.43	ng		94
69) Pentachlorophenol	16.77	266	90834	37.18	ng		96
70) Phenanthrene	17.15	178	729644	41.61	ng		99
71) Anthracene	17.24	178	736659	41.45	ng		98
72) Carbazole	17.52	167	688508	42.16	ng		98
73) Di-n-butylphthalate	18.08	149	935147	42.80	ng		99
74) Fluoranthene	19.17	202	866666	41.16	ng		96
76) Benzidine	19.36	184	442300	38.77	ng		97
77) Pyrene	19.53	202	877007	40.91	ng		98
79) Butylbenzylphthalate	20.44	149	406569	41.71	ng		100
80) Benzo(a)anthracene	21.28	228	811054	40.50	ng		98
81) 3,3'-Dichlorobenzidine	21.22	252	304721	39.32	ng		98
82) Chrysene	21.33	228	758493	40.66	ng		99
83) Bis(2-ethylhexyl)phthalate	21.21	149	570476	41.18	ng		98
84) Di-n-octyl phthalate	22.09	149	953802	41.35	ng		99
85) Indeno(1,2,3-cd)pyrene	25.88	276	902617	40.44	ng	#	96
87) Benzo(b)fluoranthene	22.88	252	802578	40.87	ng	#	98
88) Benzo(k)fluoranthene	22.92	252	756526	40.58	ng		99
89) Benzo(a)pyrene	23.46	252	733590	40.68	ng		98
90) Dibenzo(a,h)anthracene	25.90	278	765894	41.37	ng	#	96
91) Benzo(g,h,i)perylene	26.60	276	723123	41.50	ng	#	95

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

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