Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017212.D
Acq On : 19 May 2015 23:19
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: May 20 03:36:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 02:03:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	71225	20.00	ng		0.00
21) Naphthalene-d8	10.49	136	329215	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	225184	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	513757	20.00	ng		0.00
75) Chrysene-d12	21.29	240	557022	20.00	ng		0.00
86) Perylene-d12	23.56	264	543777	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	332354	82.79	ng		0.00
7) Phenol-d6	6.90	99	474406	84.21	ng		0.00
23) Nitrobenzene-d5	8.86	82	541455	76.79	ng		0.00
41) 2,4,6-Tribromophenol	15.85	330	225218	82.74	ng		0.00
44) 2-Fluorobiphenyl	12.97	172	1120897	73.04	ng		0.00
78) Terphenyl-d14	19.74	244	1956903	73.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	64668	40.83	ng		93
3) Pyridine	3.56	79	188687	39.37	ng		96
4) n-Nitrosodimethylamine	3.48	42	143117	39.35	ng	#	94
6) Aniline	7.03	93	293880	37.70	ng		97
8) 2-Chlorophenol	7.27	128	202114	42.08	ng		96
9) Benzaldehyde	6.83	77	140146	37.94	ng		96
10) Phenol	6.92	94	259597	43.45	ng		98
11) bis(2-Chloroethyl)ether	7.13	93	195101	43.55	ng		97
12) 1,3-Dichlorobenzene	7.58	146	215811	40.24	ng		97
13) 1,4-Dichlorobenzene	7.73	146	219207	40.49	ng		99
14) 1,2-Dichlorobenzene	8.05	146	212118	41.02	ng		98
15) Benzyl Alcohol	7.95	79	218668	39.95	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	312386	43.01	ng		99
17) 2-Methylphenol	8.16	107	184710	42.64	ng		92
18) Hexachloroethane	8.77	117	93515	41.35	ng		89
19) n-Nitroso-di-n-propylamine	8.51	70	207491	42.27	ng		99
20) 3+4-Methylphenols	8.49	107	255839	42.50	ng		94
22) Acetophenone	8.52	105	322965	40.42	ng	#	97
24) Nitrobenzene	8.90	77	286460	41.52	ng		96
25) Isophorone	9.43	82	542586	41.75	ng		97
26) 2-Nitrophenol	9.61	139	131444	42.62	ng		89
27) 2,4-Dimethylphenol	9.68	122	207679	40.91	ng		96
28) bis(2-Chloroethoxy)methane	9.91	93	267981	42.35	ng		97
29) 2,4-Dichlorophenol	10.16	162	212269	44.33	ng		98
30) 1,2,4-Trichlorobenzene	10.35	180	218575	40.23	ng		98
31) Naphthalene	10.54	128	662671	41.13	ng	#	97
32) Benzoic acid	9.87	122	146577	42.61	ng		93
33) 4-Chloroaniline	10.66	127	309460	40.62	ng		97
34) Hexachlorobutadiene	10.82	225	140230	40.77	ng		97
35) Caprolactam	11.45	113	106898m	44.40	ng		
36) 4-Chloro-3-methylphenol	11.82	107	267564	44.22	ng		98
37) 2-Methylnaphthalene	12.16	142	514422	40.26	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	264654	41.54	ng		99
40) Hexachlorocyclopentadiene	12.51	237	151028	38.86	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	176668	39.09	ng	95
43) 2,4,5-Trichlorophenol	12.87	196	189649	40.73	ng	96
45) 1,1'-Biphenyl	13.19	154	645977	39.83	ng	99
46) 2-Chloronaphthalene	13.23	162	524742	40.86	ng	97
47) 2-Nitroaniline	13.44	65	220763	44.19	ng	93
48) Acenaphthylene	14.07	152	888479	40.40	ng	98
49) Dimethylphthalate	13.82	163	702388	39.89	ng	99
50) 2,6-Dinitrotoluene	13.94	165	166626	42.70	ng	93
51) Acenaphthene	14.42	154	526665	40.54	ng	97
52) 3-Nitroaniline	14.27	138	182275	42.11	ng	96
53) 2,4-Dinitrophenol	14.48	184	107455	47.43	ng	98
54) Dibenzofuran	14.76	168	785761	40.69	ng	99
55) 4-Nitrophenol	14.63	139	145754	41.81	ng	97
56) 2,4-Dinitrotoluene	14.73	165	239653	44.04	ng	93
57) Fluorene	15.41	166	701844	41.06	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.99	232	160094	37.46	ng	99
59) Diethylphthalate	15.19	149	752339	39.78	ng	100
60) 4-Chlorophenyl-phenylether	15.40	204	360091	41.01	ng	96
61) 4-Nitroaniline	15.45	138	212655	44.03	ng	97
62) Azobenzene	15.70	77	740306	40.97	ng	99
64) 4,6-Dinitro-2-methylphenol	15.50	198	154234	43.80	ng	95
65) n-Nitrosodiphenylamine	15.62	169	636264	40.34	ng	96
66) 4-Bromophenyl-phenylether	16.29	248	225493	40.24	ng	99
67) Hexachlorobenzene	16.41	284	239805	40.56	ng	99
69) Pentachlorophenol	16.76	266	135371	36.68	ng	91
70) Phenanthrene	17.15	178	1067174	40.28	ng	97
71) Anthracene	17.23	178	1083047	40.34	ng	97
72) Carbazole	17.51	167	1013763	41.09	ng	99
73) Di-n-butylphthalate	18.07	149	1325649	40.16	ng	99
74) Fluoranthene	19.17	202	1264708	39.75	ng	95
77) Pyrene	19.53	202	1283659	37.56	ng	95
79) Butylbenzylphthalate	20.43	149	651955	41.96	ng	99
80) Benzo(a)anthracene	21.28	228	1271933	39.85	ng	95
81) 3,3'-Dichlorobenzidine	21.21	252	470124	38.06	ng	99
82) Chrysene	21.33	228	1187674	39.95	ng	98
83) Bis(2-ethylhexyl)phthalate	21.21	149	916427	41.50	ng	98
84) Di-n-octyl phthalate	22.09	149	1484339	40.37	ng	98
85) Indeno(1,2,3-cd)pyrene	25.88	276	1512278	42.50	ng	98
87) Benzo(b)fluoranthene	22.87	252	1312740m	41.41	ng	
88) Benzo(k)fluoranthene	22.92	252	1192542	39.63	ng	97
89) Benzo(a)pyrene	23.46	252	1204355	41.37	ng	98
90) Dibenzo(a,h)anthracene	25.89	278	1266921	42.39	ng	98
91) Benzo(g,h,i)perylene	26.59	276	1192835	42.41	ng	97

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

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