Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022172.D
Acq On : 6 Jun 2016 17:02
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 07 03:38:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
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6/7/2016 7:27:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	34719	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	172310	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	102510	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	231181	20.00	ng		0.00
75) Chrysene-d12	21.77	240	229799	20.00	ng		0.00
86) Perylene-d12	25.06	264	217221	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	158077	88.03	ng		0.00
7) Phenol-d6	7.28	99	229645	81.34	ng		0.00
23) Nitrobenzene-d5	9.29	82	211915	85.74	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	92740	80.06	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	562507	83.62	ng		0.00
78) Terphenyl-d14	20.08	244	776603	80.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	35899	41.69	ng	#	83
3) Pyridine	3.93	79	95593	41.08	ng		95
4) n-Nitrosodimethylamine	3.85	42	22406	43.07	ng		92
6) Aniline	7.44	93	146629	40.88	ng	#	82
8) 2-Chlorophenol	7.68	128	99845	40.23	ng	#	80
9) Benzaldehyde	7.26	77	64742	41.66	ng	#	78
10) Phenol	7.31	94	118474	40.70	ng		82
11) bis(2-Chloroethyl)ether	7.53	93	91683	39.50	ng	#	73
12) 1,3-Dichlorobenzene	8.01	146	105720	39.74	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	106861	40.31	ng		94
14) 1,2-Dichlorobenzene	8.48	146	105463	39.47	ng		96
15) Benzyl Alcohol	8.36	79	70851	38.84	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.65	45	95059	39.48	ng		81
17) 2-Methylphenol	8.57	107	84534	38.92	ng	#	87
18) Hexachloroethane	9.21	117	38587	39.87	ng	#	76
19) n-Nitroso-di-n-propylamine	8.92	70	75035	39.26	ng	#	68
20) 3+4-Methylphenols	8.90	107	119045	38.21	ng		96
22) Acetophenone	8.95	105	155272	41.82	ng	#	81
24) Nitrobenzene	9.34	77	102150	41.10	ng	#	79
25) Isophorone	9.85	82	218505	37.79	ng	#	91
26) 2-Nitrophenol	10.05	139	57664	42.79	ng	#	72
27) 2,4-Dimethylphenol	10.10	122	101158	41.47	ng		86
28) bis(2-Chloroethoxy)methane	10.33	93	134462	40.59	ng		93
29) 2,4-Dichlorophenol	10.59	162	95810	42.40	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	104191	41.26	ng		96
31) Naphthalene	10.99	128	337612	39.25	ng	#	95
32) Benzoic acid	10.23	122	27056	36.90	ng	#	87
33) 4-Chloroaniline	11.10	127	146438	40.95	ng	#	89
34) Hexachlorobutadiene	11.26	225	55386	40.86	ng		96
35) Caprolactam	11.87	113	42508	34.29	ng	#	39
36) 4-Chloro-3-methylphenol	12.21	107	104047	38.84	ng		85
37) 2-Methylnaphthalene	12.59	142	245834	38.72	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	111979	42.44	ng		99
40) Hexachlorocyclopentadiene	12.92	237	53264	42.19	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	74647	42.17	ng		98
43) 2,4,5-Trichlorophenol	13.27	196	79740	40.77	ng	#	94
45) 1,1'-Biphenyl	13.58	154	324600	42.08	ng		94
46) 2-Chloronaphthalene	13.63	162	246512	41.68	ng		95
47) 2-Nitroaniline	13.84	65	55884	39.63	ng	#	55
48) Acenaphthylene	14.48	152	415877	40.08	ng		98
49) Dimethylphthalate	14.19	163	323872	38.10	ng		99
50) 2,6-Dinitrotoluene	14.32	165	73930	40.01	ng	#	77
51) Acenaphthene	14.81	154	242199	38.96	ng		94
52) 3-Nitroaniline	14.66	138	78857	38.48	ng	#	78
53) 2,4-Dinitrophenol	14.87	184	23944	38.32	ng	#	74
54) Dibenzofuran	15.15	168	388407	40.04	ng		98
55) 4-Nitrophenol	14.98	139	54870	38.79	ng	#	71
56) 2,4-Dinitrotoluene	15.11	165	100792	40.67	ng	#	83
57) Fluorene	15.79	166	325135	38.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.38	232	68054	38.80	ng		97
59) Diethylphthalate	15.55	149	339179	37.36	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	148375	39.20	ng		93
61) 4-Nitroaniline	15.82	138	84428	38.84	ng	#	74
62) Azobenzene	16.08	77	269917	39.26	ng		86
64) 4,6-Dinitro-2-methylphenol	15.88	198	45445	39.82	ng	#	81
65) n-Nitrosodiphenylamine	15.99	169	276145	41.47	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	91689	42.33	ng		94
67) Hexachlorobenzene	16.80	284	100930	39.98	ng		95
68) Atrazine	16.93	200	99339	40.30	ng		98
69) Pentachlorophenol	17.14	266	40941	39.52	ng		95
70) Phenanthrene	17.53	178	497835	39.65	ng		97
71) Anthracene	17.63	178	502474	40.35	ng		98
72) Carbazole	17.90	167	470751	39.91	ng		98
73) Di-n-butylphthalate	18.43	149	617125	40.02	ng		98
74) Fluoranthene	19.54	202	572239	39.64	ng		97
76) Benzidine	19.72	184	267019	44.43	ng		98
77) Pyrene	19.90	202	567141	39.70	ng		99
79) Butylbenzylphthalate	20.76	149	265581	40.08	ng		90
80) Benzo(a)anthracene	21.75	228	506587	39.31	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	146805	40.58	ng		99
82) Chrysene	21.82	228	486257	38.78	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	393672	40.41	ng		97
84) Di-n-octyl phthalate	22.86	149	655582	40.53	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.84	276	576916	41.01	ng	#	95
87) Benzo(b)fluoranthene	24.01	252	518151m	40.90	ng		
88) Benzo(k)fluoranthene	24.08	252	504787	40.48	ng		98
89) Benzo(a)pyrene	24.91	252	500991	41.36	ng		97
90) Dibenzo(a,h)anthracene	28.90	278	471743	41.35	ng	#	93
91) Benzo(g,h,i)perylene	30.02	276	482973	40.69	ng		95

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

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