Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG023993.D
Acq On : 16 Sep 2016 14:53
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 17 00:06:23 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56766	20.00	ng		-0.05
21) Naphthalene-d8	10.89	136	270990	20.00	ng		-0.05
38) Acenaphthene-d10	14.73	164	196998	20.00	ng		-0.04
63) Phenanthrene-d10	17.50	188	459889	20.00	ng		-0.03
75) Chrysene-d12	21.80	240	541561	20.00	ng		-0.04
86) Perylene-d12	25.15	264	563204	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	268243	82.96	ng		-0.05
7) Phenol-d6	7.23	99	398580	80.08	ng		-0.05
23) Nitrobenzene-d5	9.24	82	526863	86.80	ng		-0.05
41) 2,4,6-Tribromophenol	16.23	330	251021	70.72	ng		-0.04
44) 2-Fluorobiphenyl	13.34	172	1108690	80.69	ng		-0.04
78) Terphenyl-d14	20.10	244	1678906	70.60	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	59116	44.33	ng		95
3) Pyridine	3.87	79	169440	42.28	ng		94
4) n-Nitrosodimethylamine	3.79	42	104393	49.42	ng	#	72
6) Aniline	7.38	93	276206	41.81	ng		96
8) 2-Chlorophenol	7.62	128	148340	39.60	ng		95
9) Benzaldehyde	7.19	77	137464	38.87	ng		92
10) Phenol	7.25	94	205874	39.32	ng		94
11) bis(2-Chloroethyl)ether	7.47	93	160308	38.91	ng		86
12) 1,3-Dichlorobenzene	7.94	146	176579	40.28	ng		95
13) 1,4-Dichlorobenzene	8.09	146	178816	38.50	ng		93
14) 1,2-Dichlorobenzene	8.41	146	173951	39.90	ng		90
15) Benzyl Alcohol	8.30	79	194799	44.39	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	224955	40.74	ng		93
17) 2-Methylphenol	8.51	107	140353	39.79	ng		93
18) Hexachloroethane	9.14	117	75298	42.10	ng		94
19) n-Nitroso-di-n-propylamine	8.87	70	185274	42.14	ng	#	94
20) 3+4-Methylphenols	8.85	107	199410	40.56	ng		98
22) Acetophenone	8.89	105	295065	42.06	ng	#	98
24) Nitrobenzene	9.28	77	283809	43.48	ng		99
25) Isophorone	9.81	82	488818	41.53	ng		98
26) 2-Nitrophenol	9.99	139	103862	41.86	ng		91
27) 2,4-Dimethylphenol	10.05	122	170118	40.34	ng		93
28) bis(2-Chloroethoxy)methane	10.28	93	242478	40.80	ng	#	98
29) 2,4-Dichlorophenol	10.55	162	188633	42.22	ng		87
30) 1,2,4-Trichlorobenzene	10.75	180	205645	41.96	ng		93
31) Naphthalene	10.94	128	558519	40.00	ng		97
32) Benzoic acid	10.25	122	124101	36.23	ng		94
33) 4-Chloroaniline	11.06	127	234631	40.24	ng		96
34) Hexachlorobutadiene	11.21	225	166775	45.31	ng		95
35) Caprolactam	11.86	113	55602	35.31	ng		95
36) 4-Chloro-3-methylphenol	12.19	107	229636	38.46	ng		97
37) 2-Methylnaphthalene	12.55	142	416744	39.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	287826	44.02	ng		99
40) Hexachlorocyclopentadiene	12.89	237	161664	44.48	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	180772	41.43	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	179400	40.67	ng		93
45) 1,1'-Biphenyl	13.55	154	632580	39.92	ng		98
46) 2-Chloronaphthalene	13.60	162	465768	40.04	ng		97
47) 2-Nitroaniline	13.83	65	201164	43.90	ng		99
48) Acenaphthylene	14.45	152	753978	38.88	ng		99
49) Dimethylphthalate	14.18	163	626914	37.11	ng		99
50) 2,6-Dinitrotoluene	14.31	165	133652	37.48	ng		94
51) Acenaphthene	14.79	154	467720	39.02	ng		99
52) 3-Nitroaniline	14.66	138	126302	37.87	ng		83
53) 2,4-Dinitrophenol	14.87	184	80142	34.75	ng		94
54) Dibenzofuran	15.13	168	712701	38.09	ng		99
55) 4-Nitrophenol	14.99	139	88878	33.49	ng	#	77
56) 2,4-Dinitrotoluene	15.11	165	191545	36.54	ng		90
57) Fluorene	15.78	166	603605	37.20	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	164168	36.67	ng		96
59) Diethylphthalate	15.54	149	644934	35.76	ng		97
60) 4-Chlorophenyl-phenylether	15.77	204	333049	38.13	ng		97
61) 4-Nitroaniline	15.83	138	126349	37.47	ng		95
62) Azobenzene	16.06	77	682071	39.05	ng		98
64) 4,6-Dinitro-2-methylphenol	15.88	198	129871	40.68	ng		89
65) n-Nitrosodiphenylamine	15.99	169	544303	41.67	ng		96
66) 4-Bromophenyl-phenylether	16.67	248	238835	42.69	ng		98
67) Hexachlorobenzene	16.80	284	260627	39.72	ng		97
68) Atrazine	16.94	200	217803	38.75	ng		99
69) Pentachlorophenol	17.15	266	137821	39.54	ng		95
70) Phenanthrene	17.54	178	942050	39.38	ng		97
71) Anthracene	17.63	178	954847	39.13	ng		98
72) Carbazole	17.91	167	836545	37.78	ng		97
73) Di-n-butylphthalate	18.44	149	991255	37.52	ng		97
74) Fluoranthene	19.55	202	1113898	38.67	ng		95
76) Benzidine	19.74	184	622170	37.10	ng		97
77) Pyrene	19.92	202	1166387	35.02	ng		93
79) Butylbenzylphthalate	20.79	149	511010	39.80	ng		99
80) Benzo(a)anthracene	21.78	228	1232037	40.64	ng		93
81) 3,3'-Dichlorobenzidine	21.70	252	501076	41.35	ng	#	99
82) Chrysene	21.86	228	1174886	40.71	ng		99
83) Bis(2-ethylhexyl)phthalate	21.66	149	712361	40.52	ng		94
84) Di-n-octyl phthalate	22.90	149	1243623	43.13	ng		99
85) Indeno(1,2,3-cd)pyrene	28.98	276	1517638	47.50	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	1333062	41.67	ng		99
88) Benzo(k)fluoranthene	24.15	252	1272005	40.10	ng	#	98
89) Benzo(a)pyrene	24.99	252	1256069	41.34	ng	#	97
90) Dibenzo(a,h)anthracene	29.03	278	1238995	41.47	ng	#	95
91) Benzo(g,h,i)perylene	30.19	276	1249146	43.47	ng		96

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

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