Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
Data File : BG024177.D
Acq On : 1 Oct 2016 2:23
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 01 04:08:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	56275	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	270950	20.00	ng		-0.01
38) Acenaphthene-d10	14.70	164	227020	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	502110	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	539708	20.00	ng		-0.02
86) Perylene-d12	25.11	264	532015	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	263338	81.07	ng		0.00
7) Phenol-d6	7.20	99	401808	73.52	ng		0.00
23) Nitrobenzene-d5	9.21	82	505904	73.59	ng		-0.01
41) 2,4,6-Tribromophenol	16.21	330	202361	62.01	ng		-0.01
44) 2-Fluorobiphenyl	13.32	172	1007577	74.60	ng		-0.01
78) Terphenyl-d14	20.08	244	1592088	60.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	58518	47.07	ng		96
3) Pyridine	3.84	79	183972	41.87	ng		93
4) n-Nitrosodimethylamine	3.76	42	82126	36.88	ng	#	91
6) Aniline	7.35	93	269908	35.16	ng		99
8) 2-Chlorophenol	7.60	128	136903	35.21	ng		93
9) Benzaldehyde	7.17	77	121416	40.79	ng		90
10) Phenol	7.23	94	215524	37.51	ng		93
11) bis(2-Chloroethyl)ether	7.44	93	161885	35.73	ng		92
12) 1,3-Dichlorobenzene	7.92	146	158719	36.60	ng		96
13) 1,4-Dichlorobenzene	8.07	146	165323	37.36	ng		91
14) 1,2-Dichlorobenzene	8.38	146	160647	37.30	ng		91
15) Benzyl Alcohol	8.28	79	179048	33.85	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	218079	34.86	ng		96
17) 2-Methylphenol	8.49	107	140877	36.88	ng		94
18) Hexachloroethane	9.11	117	70586	37.86	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	178834	33.31	ng		98
20) 3+4-Methylphenols	8.82	107	203393	36.66	ng		91
22) Acetophenone	8.86	105	291539	37.30	ng	#	98
24) Nitrobenzene	9.26	77	277483	37.65	ng		96
25) Isophorone	9.77	82	506453	36.12	ng	#	97
26) 2-Nitrophenol	9.97	139	93608	35.81	ng		92
27) 2,4-Dimethylphenol	10.03	122	161925	37.05	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	251703	36.92	ng		99
29) 2,4-Dichlorophenol	10.53	162	173219	38.08	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	174804	35.90	ng		99
31) Naphthalene	10.91	128	518528	37.78	ng		99
32) Benzoic acid	10.22	122	103218	32.13	ng		92
33) 4-Chloroaniline	11.04	127	225122	36.75	ng		97
34) Hexachlorobutadiene	11.18	225	130314	34.00	ng		97
35) Caprolactam	11.82	113	61152	33.05	ng	#	79
36) 4-Chloro-3-methylphenol	12.17	107	238137	37.20	ng		95
37) 2-Methylnaphthalene	12.52	142	377710	35.94	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	241925	36.50	ng		99
40) Hexachlorocyclopentadiene	12.86	237	90430	36.16	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	153778	35.88	ng		100
43) 2,4,5-Trichlorophenol	13.23	196	154418	35.01	ng		91
45) 1,1'-Biphenyl	13.53	154	588812	37.93	ng		98
46) 2-Chloronaphthalene	13.58	162	434719	37.51	ng		97
47) 2-Nitroaniline	13.80	65	190956	35.40	ng		96
48) Acenaphthylene	14.43	152	740169	37.61	ng		98
49) Dimethylphthalate	14.16	163	634914	36.46	ng		97
50) 2,6-Dinitrotoluene	14.29	165	133662	36.54	ng		98
51) Acenaphthene	14.77	154	448194	37.55	ng		98
52) 3-Nitroaniline	14.63	138	140359	38.41	ng	#	86
53) 2,4-Dinitrophenol	14.86	184	64284	30.94	ng		92
54) Dibenzofuran	15.11	168	684474	36.84	ng		98
55) 4-Nitrophenol	14.98	139	85471	32.84	ng		93
56) 2,4-Dinitrotoluene	15.09	165	201705	36.23	ng	#	87
57) Fluorene	15.76	166	592154	36.61	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	147193	34.56	ng		91
59) Diethylphthalate	15.51	149	663874	35.40	ng		97
60) 4-Chlorophenyl-phenylether	15.74	204	301077	34.75	ng		95
61) 4-Nitroaniline	15.81	138	132734	35.07	ng	#	85
62) Azobenzene	16.04	77	708812	37.20	ng		91
64) 4,6-Dinitro-2-methylphenol	15.86	198	115024	32.99	ng		88
65) n-Nitrosodiphenylamine	15.97	169	540271	39.33	ng		96
66) 4-Bromophenyl-phenylether	16.65	248	206622	35.48	ng		95
67) Hexachlorobenzene	16.77	284	224830	34.26	ng	#	92
68) Atrazine	16.92	200	204687	33.76	ng		94
69) Pentachlorophenol	17.14	266	95974	30.52	ng		98
70) Phenanthrene	17.51	178	979417	38.29	ng		98
71) Anthracene	17.61	178	982193	37.39	ng		98
72) Carbazole	17.89	167	922590	37.73	ng		97
73) Di-n-butylphthalate	18.42	149	1113585	34.79	ng		97
74) Fluoranthene	19.53	202	1159425	34.73	ng		96
76) Benzidine	19.71	184	426275	27.90	ng		99
77) Pyrene	19.90	202	1186539	31.49	ng		94
79) Butylbenzylphthalate	20.77	149	486060	35.03	ng		96
80) Benzo(a)anthracene	21.76	228	1125570	36.63	ng		96
81) 3,3'-Dichlorobenzidine	21.67	252	427545	38.82	ng	#	97
82) Chrysene	21.83	228	1078788	37.35	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	694850	41.91	ng	#	96
84) Di-n-octyl phthalate	22.86	149	1223027	42.75	ng		99
85) Indeno(1,2,3-cd)pyrene	28.91	276	1358306	42.18	ng	#	100
87) Benzo(b)fluoranthene	24.04	252	1131681	36.56	ng	#	96
88) Benzo(k)fluoranthene	24.11	252	1171056	38.10	ng	#	96
89) Benzo(a)pyrene	24.95	252	1116084	37.30	ng	#	97
90) Dibenzo(a,h)anthracene	28.96	278	1097674	36.74	ng	#	96
91) Benzo(g,h,i)perylene	30.11	276	1124811	37.37	ng	#	96

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

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