Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092616\
Data File : BG024135.D
Acq On : 26 Sep 2016 10:18
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 26 14:51:24 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	8.04	152	50114	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	232574	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	190202	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	419476	20.00	ng		0.00
75) Chrysene-d12	21.79	240	463875	20.00	ng		0.00
86) Perylene-d12	25.12	264	460269	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	229332	79.28	ng		0.00
7) Phenol-d6	7.21	99	358448	73.64	ng		0.00
23) Nitrobenzene-d5	9.22	82	437009	74.06	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	183285	67.04	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	886761	78.37	ng		0.00
78) Terphenyl-d14	20.09	244	1452967	64.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	48368	43.69	ng		97
3) Pyridine	3.84	79	151580	38.74	ng		96
4) n-Nitrosodimethylamine	3.76	42	74837	37.73	ng	#	96
6) Aniline	7.36	93	238231	34.85	ng		97
8) 2-Chlorophenol	7.60	128	128173	37.02	ng		99
9) Benzaldehyde	7.18	77	103873	39.19	ng		89
10) Phenol	7.23	94	188976	36.93	ng		87
11) bis(2-Chloroethyl)ether	7.45	93	147051	36.44	ng		88
12) 1,3-Dichlorobenzene	7.92	146	148867	38.55	ng		98
13) 1,4-Dichlorobenzene	8.07	146	149504	37.94	ng		98
14) 1,2-Dichlorobenzene	8.39	146	144195	37.59	ng		93
15) Benzyl Alcohol	8.29	79	151802	32.23	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	203498	36.53	ng		94
17) 2-Methylphenol	8.50	107	126488	37.18	ng		92
18) Hexachloroethane	9.13	117	63592	38.30	ng		88
19) n-Nitroso-di-n-propylamine	8.84	70	155355	32.50	ng		97
20) 3+4-Methylphenols	8.84	107	175260	35.47	ng		95
22) Acetophenone	8.87	105	250531	37.34	ng	#	98
24) Nitrobenzene	9.27	77	231377	36.58	ng		94
25) Isophorone	9.78	82	422650	35.12	ng	#	97
26) 2-Nitrophenol	9.98	139	85016	37.89	ng		94
27) 2,4-Dimethylphenol	10.04	122	143037	38.13	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	216108	36.93	ng		100
29) 2,4-Dichlorophenol	10.53	162	151833	38.88	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	157960	37.80	ng		94
31) Naphthalene	10.92	128	456530	38.75	ng		99
32) Benzoic acid	10.22	122	91787	33.11	ng	#	85
33) 4-Chloroaniline	11.04	127	199227	37.89	ng		98
34) Hexachlorobutadiene	11.19	225	119962	36.46	ng		95
35) Caprolactam	11.83	113	51764	32.59	ng		93
36) 4-Chloro-3-methylphenol	12.18	107	203380	37.02	ng		99
37) 2-Methylnaphthalene	12.53	142	338170	37.48	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	217178	39.11	ng		97
40) Hexachlorocyclopentadiene	12.87	237	65776	32.35	ng		83

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	132930	37.01 ng		93
43) 2,4,5-Trichlorophenol	13.24	196	135517	36.67 ng		92
45) 1,1'-Biphenyl	13.54	154	517086	39.75 ng		98
46) 2-Chloronaphthalene	13.59	162	375270	38.64 ng		96
47) 2-Nitroaniline	13.81	65	165847	36.70 ng		99
48) Acenaphthylene	14.44	152	632441	38.36 ng		98
49) Dimethylphthalate	14.16	163	542972	37.21 ng		99
50) 2,6-Dinitrotoluene	14.30	165	117631	38.38 ng		99
51) Acenaphthene	14.78	154	387700	38.77 ng		98
52) 3-Nitroaniline	14.64	138	112175	36.64 ng		91
53) 2,4-Dinitrophenol	14.87	184	45011	26.73 ng		98
54) Dibenzofuran	15.12	168	587950	37.77 ng		96
55) 4-Nitrophenol	14.99	139	68831m	31.77 ng		
56) 2,4-Dinitrotoluene	15.09	165	173466	37.19 ng		95
57) Fluorene	15.77	166	509667	37.61 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.35	232	127389	35.70 ng		91
59) Diethylphthalate	15.52	149	569101	36.22 ng		99
60) 4-Chlorophenyl-phenylether	15.75	204	269316	37.10 ng		98
61) 4-Nitroaniline	15.82	138	117449	37.04 ng	#	79
62) Azobenzene	16.05	77	588659	36.87 ng		92
64) 4,6-Dinitro-2-methylphenol	15.87	198	97763	33.56 ng		90
65) n-Nitrosodiphenylamine	15.98	169	459591	40.05 ng		97
66) 4-Bromophenyl-phenylether	16.66	248	182323	37.47 ng		95
67) Hexachlorobenzene	16.78	284	203825	37.18 ng		98
68) Atrazine	16.93	200	185834	36.68 ng		98
69) Pentachlorophenol	17.14	266	85619m	32.35 ng		
70) Phenanthrene	17.52	178	851275	39.84 ng		97
71) Anthracene	17.61	178	852260	38.83 ng		97
72) Carbazole	17.90	167	794314	38.88 ng		97
73) Di-n-butylphthalate	18.43	149	976314	36.51 ng		97
74) Fluoranthene	19.54	202	1015337	36.40 ng		95
76) Benzidine	19.72	184	451872	34.41 ng		96
77) Pyrene	19.91	202	1057400	32.65 ng		95
79) Butylbenzylphthalate	20.77	149	449596	37.69 ng		95
80) Benzo(a)anthracene	21.77	228	1016351	38.49 ng		94
81) 3,3'-Dichlorobenzidine	21.68	252	388222	41.02 ng	#	98
82) Chrysene	21.84	228	962561	38.78 ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	626803	43.99 ng	#	97
84) Di-n-octyl phthalate	22.88	149	1101513	44.80 ng		98
85) Indeno(1,2,3-cd)pyrene	28.95	276	1202183	43.43 ng	#	100
87) Benzo(b)fluoranthene	24.06	252	1007928	37.64 ng	#	98
88) Benzo(k)fluoranthene	24.12	252	1023054	38.47 ng	#	98
89) Benzo(a)pyrene	24.96	252	993046	38.36 ng	#	98
90) Dibenzo(a,h)anthracene	28.99	278	975499	37.74 ng	#	97
91) Benzo(g,h,i)perylene	30.14	276	978552	37.58 ng	#	95

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

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