Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025951.D
Acq On : 25 Feb 2017 3:39
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 25 04:18:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	102072	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	527711	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	404654	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	848908	20.00	ng		0.00
75) Chrysene-d12	21.66	240	836812	20.00	ng		-0.01
86) Perylene-d12	24.87	264	840761	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	464111	79.16	ng		0.00
7) Phenol-d6	7.23	99	726327	83.72	ng		0.00
23) Nitrobenzene-d5	9.24	82	689909	82.50	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	339760	90.88	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1797487	77.62	ng		0.00
78) Terphenyl-d14	20.01	244	2674089	77.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	96891	36.16	ng	#	86
3) Pyridine	3.94	79	305460	38.26	ng	#	78
4) n-Nitrosodimethylamine	3.85	42	109132	38.01	ng	#	36
6) Aniline	7.40	93	490588	40.67	ng	#	91
8) 2-Chlorophenol	7.65	128	287319	41.23	ng		87
9) Benzaldehyde	7.22	77	199130	38.73	ng	#	73
10) Phenol	7.26	94	389009	41.26	ng	#	73
11) bis(2-Chloroethyl)ether	7.49	93	299650	38.67	ng		89
12) 1,3-Dichlorobenzene	7.97	146	312939	38.85	ng	#	88
13) 1,4-Dichlorobenzene	8.12	146	324084	39.72	ng		93
14) 1,2-Dichlorobenzene	8.44	146	314310	39.24	ng	#	91
15) Benzyl Alcohol	8.31	79	270940	42.65	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	417454	37.12	ng		91
17) 2-Methylphenol	8.51	107	289732	42.66	ng	#	82
18) Hexachloroethane	9.17	117	105898	39.16	ng		87
19) n-Nitroso-di-n-propylamine	8.88	70	264288	41.71	ng	#	83
20) 3+4-Methylphenols	8.84	107	416922	43.09	ng		85
22) Acetophenone	8.90	105	508074	40.12	ng	#	80
24) Nitrobenzene	9.28	77	365727	40.45	ng	#	80
25) Isophorone	9.80	82	773374	42.03	ng	#	91
26) 2-Nitrophenol	9.99	139	194332	45.96	ng	#	68
27) 2,4-Dimethylphenol	10.04	122	331860	42.05	ng		87
28) bis(2-Chloroethoxy)methane	10.28	93	466841	40.03	ng		99
29) 2,4-Dichlorophenol	10.52	162	331065	43.95	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	329406	40.21	ng		98
31) Naphthalene	10.94	128	1099439	40.30	ng		99
32) Benzoic acid	10.17	122	293894	48.77	ng	#	77
33) 4-Chloroaniline	11.03	127	505432	42.65	ng	#	86
34) Hexachlorobutadiene	11.22	225	185490	39.79	ng		97
35) Caprolactam	11.80	113	149418	49.12	ng	#	81
36) 4-Chloro-3-methylphenol	12.14	107	400166	44.40	ng	#	81
37) 2-Methylnaphthalene	12.53	142	861910	41.48	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	396765	39.12	ng		99
40) Hexachlorocyclopentadiene	12.87	237	201276	36.27	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	283124	43.22	ng		96
43) 2,4,5-Trichlorophenol	13.20	196	326796	43.95	ng	#	94
45) 1,1'-Biphenyl	13.52	154	1149846	39.21	ng		100
46) 2-Chloronaphthalene	13.57	162	833918	39.34	ng		99
47) 2-Nitroaniline	13.76	65	294291	43.77	ng	#	72
48) Acenaphthylene	14.41	152	1537247	40.72	ng		100
49) Dimethylphthalate	14.14	163	1122579	40.44	ng		98
50) 2,6-Dinitrotoluene	14.25	165	272677	43.73	ng	#	68
51) Acenaphthene	14.75	154	1015672	40.74	ng		100
52) 3-Nitroaniline	14.58	138	306287	43.91	ng	#	72
53) 2,4-Dinitrophenol	14.78	184	149893	45.93	ng	#	85
54) Dibenzofuran	15.08	168	1329843	40.01	ng		93
55) 4-Nitrophenol	14.88	139	248965	43.86	ng	#	48
56) 2,4-Dinitrotoluene	15.04	165	378004	45.06	ng	#	75
57) Fluorene	15.72	166	1210481	40.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	290742	44.32	ng		98
59) Diethylphthalate	15.49	149	1170406	40.76	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	558580	40.59	ng		95
61) 4-Nitroaniline	15.74	138	318832	44.09	ng	#	54
62) Azobenzene	16.01	77	995238	40.32	ng		85
64) 4,6-Dinitro-2-methylphenol	15.79	198	216117	43.50	ng		92
65) n-Nitrosodiphenylamine	15.92	169	1049584	40.77	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	371024	41.70	ng		98
67) Hexachlorobenzene	16.73	284	382830	41.75	ng		94
68) Atrazine	16.86	200	381809	41.90	ng		97
69) Pentachlorophenol	17.06	266	251478	44.46	ng		97
70) Phenanthrene	17.46	178	1841443	39.96	ng		97
71) Anthracene	17.55	178	1899701	40.44	ng		99
72) Carbazole	17.81	167	1903252	40.33	ng		97
73) Di-n-butylphthalate	18.36	149	1944716	41.98	ng	#	95
74) Fluoranthene	19.45	202	2016127	39.74	ng		95
76) Benzidine	19.63	184	1047119	39.64	ng		98
77) Pyrene	19.81	202	2068925	39.09	ng		99
79) Butylbenzylphthalate	20.69	149	887225	44.17	ng		88
80) Benzo(a)anthracene	21.65	228	1963980	40.20	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	748353	42.97	ng	#	97
82) Chrysene	21.71	228	1874818	39.90	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	1242391	42.84	ng		99
84) Di-n-octyl phthalate	22.75	149	2143030	44.75	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.52	276	2336541	42.22	ng	#	87
87) Benzo(b)fluoranthene	23.85	252	2019552	40.11	ng	#	97
88) Benzo(k)fluoranthene	23.92	252	1986724	40.44	ng	#	93
89) Benzo(a)pyrene	24.72	252	1939965	40.69	ng	#	94
90) Dibenzo(a,h)anthracene	28.59	278	1960052	40.92	ng	#	92
91) Benzo(g,h,i)perylene	29.68	276	1975690	41.14	ng	#	89

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

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