Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
Data File : BG026053.D
Acq On : 3 Mar 2017 6:28
Operator : SJ/MA
Sample : I2057-09MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28B-4MSD

Quant Time: Mar 03 07:11:28 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	119998	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	508744	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	296452	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	680297	20.00	ng		-0.02
75) Chrysene-d12	21.65	240	683520	20.00	ng		-0.03
86) Perylene-d12	24.85	264	640845	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	835548	121.23	ng		-0.01
7) Phenol-d6	7.23	99	1116928	109.51	ng		0.00
23) Nitrobenzene-d5	9.22	82	623754	77.37	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	395173	144.28	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	1463371	86.26	ng		-0.02
78) Terphenyl-d14	20.00	244	1820671	64.78	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	94121	29.88	ng	#	75
3) Pyridine	3.93	79	262057	27.92	ng	#	67
4) n-Nitrosodimethylamine	3.84	42	97086	28.76	ng	#	19
6) Aniline	7.39	93	288975	20.38	ng	#	89
8) 2-Chlorophenol	7.64	128	303217	37.02	ng		85
9) Benzaldehyde	7.20	77	73515	12.16	ng	#	70
10) Phenol	7.26	94	433414	39.10	ng	#	73
11) bis(2-Chloroethyl)ether	7.49	93	291241	31.97	ng		85
12) 1,3-Dichlorobenzene	7.96	146	329418	34.79	ng	#	88
13) 1,4-Dichlorobenzene	8.11	146	330314	34.44	ng		95
14) 1,2-Dichlorobenzene	8.43	146	322269	34.22	ng	#	91
15) Benzyl Alcohol	8.30	79	254048	34.01	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.60	45	329859	24.95	ng		83
17) 2-Methylphenol	8.51	107	262947	32.93	ng	#	82
18) Hexachloroethane	9.15	117	112466	35.38	ng		85
19) n-Nitroso-di-n-propylamine	8.87	70	224558	30.14	ng	#	74
20) 3+4-Methylphenols	8.83	107	365515	32.13	ng		88
22) Acetophenone	8.88	105	442740	36.27	ng	#	76
24) Nitrobenzene	9.27	77	313771	35.99	ng	#	80
25) Isophorone	9.79	82	622198	35.07	ng	#	90
26) 2-Nitrophenol	9.98	139	168029	41.22	ng	#	67
27) 2,4-Dimethylphenol	10.04	122	285173	37.48	ng		87
28) bis(2-Chloroethoxy)methane	10.27	93	392327	34.90	ng		97
29) 2,4-Dichlorophenol	10.52	162	293641	40.44	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	301845	38.22	ng		96
31) Naphthalene	10.92	128	938269	35.67	ng		100
32) Benzoic acid	10.14	122	153955	26.50	ng	#	80
33) 4-Chloroaniline	11.02	127	148510	13.00	ng	#	84
34) Hexachlorobutadiene	11.21	225	170949	38.04	ng		98
35) Caprolactam	11.77	113	111643	38.07	ng	#	61
36) 4-Chloro-3-methylphenol	12.13	107	319098	36.73	ng	#	83
37) 2-Methylnaphthalene	12.51	142	712397	35.56	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	318737	42.90	ng		98
40) Hexachlorocyclopentadiene	12.87	237	363230	89.34	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	228953	47.71	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	238344	43.75	ng	#	93
45) 1,1'-Biphenyl	13.51	154	904505	42.10	ng		98
46) 2-Chloronaphthalene	13.55	162	665306	42.84	ng		98
47) 2-Nitroaniline	13.75	65	196251	39.84	ng	#	66
48) Acenaphthylene	14.40	152	1115334	40.33	ng		99
49) Dimethylphthalate	14.12	163	1145112	56.30	ng		98
50) 2,6-Dinitrotoluene	14.24	165	200050	43.79	ng	#	65
51) Acenaphthene	14.74	154	807742	44.23	ng		98
52) 3-Nitroaniline	14.57	138	127583	24.97	ng	#	73
53) 2,4-Dinitrophenol	14.77	184	197989	82.82	ng	#	87
54) Dibenzofuran	15.07	168	1048043	43.05	ng		90
55) 4-Nitrophenol	14.87	139	331206	79.64	ng	#	44
56) 2,4-Dinitrotoluene	15.02	165	273030	44.42	ng	#	77
57) Fluorene	15.72	166	877668	40.34	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.29	232	227352	47.31	ng		97
59) Diethylphthalate	15.48	149	896194	42.60	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	406800	40.35	ng		94
61) 4-Nitroaniline	15.72	138	208377	39.34	ng	#	56
62) Azobenzene	15.99	77	796382	44.04	ng		85
64) 4,6-Dinitro-2-methylphenol	15.79	198	157775	39.63	ng		87
65) n-Nitrosodiphenylamine	15.92	169	771206	37.38	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	272026	38.15	ng		95
67) Hexachlorobenzene	16.72	284	277723	37.79	ng		95
68) Atrazine	16.86	200	289125	39.60	ng		96
69) Pentachlorophenol	17.06	266	356153	78.57	ng		96
70) Phenanthrene	17.44	178	1359431	36.81	ng		97
71) Anthracene	17.54	178	1414532	37.57	ng		99
72) Carbazole	17.80	167	1280701	33.86	ng		96
73) Di-n-butylphthalate	18.36	149	1649464	44.43	ng	#	93
74) Fluoranthene	19.45	202	1586018	39.01	ng		95
76) Benzidine	19.62	184	477834	22.15	ng		97
77) Pyrene	19.81	202	1599751	37.01	ng		98
79) Butylbenzylphthalate	20.68	149	739373	45.07	ng		88
80) Benzo(a)anthracene	21.63	228	1440640	36.10	ng		96
81) 3,3'-Dichlorobenzidine	21.55	252	287541	20.21	ng	#	97
82) Chrysene	21.70	228	1304347	33.99	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	1104410	46.62	ng		98
84) Di-n-octyl phthalate	22.74	149	1881654	48.10	ng	#	83
85) Indeno(1,2,3-cd)pyrene	28.49	276	1472756	32.58	ng	#	87
87) Benzo(b)fluoranthene	23.83	252	1425040	37.13	ng	#	95
88) Benzo(k)fluoranthene	23.90	252	1405220	37.52	ng	#	93
89) Benzo(a)pyrene	24.70	252	1336526	36.77	ng	#	93
90) Dibenzo(a,h)anthracene	28.55	278	1186495	32.50	ng	#	94
91) Benzo(g,h,i)perylene	29.62	276	1264596	34.54	ng	#	88

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

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