Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031734.D
Acq On : 23 Dec 2017 5:47
Operator : SJ/JU
Sample : PB105282BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105282BS

Quant Time: Dec 25 04:42:48 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	45199	20.00	ng		0.01
21) Naphthalene-d8	11.74	136	188934	20.00	ng		0.01
38) Acenaphthene-d10	15.47	164	128269	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	330894	20.00	ng		0.00
75) Chrysene-d12	22.56	240	380604	20.00	ng		0.00
86) Perylene-d12	26.36	264	419266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.27	112	381139	153.59	ng		0.02
7) Phenol-d6	7.95	99	483931	150.20	ng		0.02
23) Nitrobenzene-d5	10.05	82	253952	101.50	ng		0.01
41) 2,4,6-Tribromophenol	16.95	330	317775	162.36	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	923962	90.41	ng		0.00
78) Terphenyl-d14	20.73	244	1659960	99.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	36241	39.397	ng	#	72
3) Pyridine	4.36	79	97697	39.732	ng	#	76
4) n-Nitrosodimethylamine	4.26	42	43944	44.288	ng	#	83
6) Aniline	8.14	93	67206	16.213	ng		92
8) 2-Chlorophenol	8.40	128	150006	52.111	ng	#	80
9) Benzaldehyde	7.95	77	53729	27.695	ng		86
10) Phenol	7.98	94	166858	51.296	ng		90
11) bis(2-Chloroethyl)ether	8.23	93	116863	43.259	ng	#	81
12) 1,3-Dichlorobenzene	8.73	146	162823	45.549	ng	#	93
13) 1,4-Dichlorobenzene	8.89	146	165918	45.437	ng		94
14) 1,2-Dichlorobenzene	9.22	146	158535	45.819	ng		95
15) Benzyl Alcohol	9.09	79	117055	48.397	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.39	45	118485	53.858	ng		81
17) 2-Methylphenol	9.28	107	117914	50.662	ng		95
18) Hexachloroethane	9.98	117	51595	46.652	ng	#	83
19) n-Nitroso-di-n-propylamine	9.67	70	88384	40.168	ng	#	83
20) 3+4-Methylphenols	9.62	107	160125	48.407	ng		95
22) Acetophenone	9.69	105	204957	46.693	ng	#	87
24) Nitrobenzene	10.09	77	129216	50.109	ng	#	81
25) Isophorone	10.62	82	251882	46.765	ng	#	88
26) 2-Nitrophenol	10.82	139	79942	59.127	ng	#	79
27) 2,4-Dimethylphenol	10.86	122	150692	52.966	ng		92
28) bis(2-Chloroethoxy)methane	11.10	93	163059	45.118	ng		96
29) 2,4-Dichlorophenol	11.36	162	177160	53.041	ng		90
30) 1,2,4-Trichlorobenzene	11.59	180	187634	46.009	ng		97
31) Naphthalene	11.79	128	441389	46.291	ng		99
32) Benzoic acid	10.97	122	97112	49.767	ng	#	80
33) 4-Chloroaniline	11.88	127	57605	13.570	ng	#	91
34) Hexachlorobutadiene	12.05	225	125599	44.861	ng		96
35) Caprolactam	12.64	113	52775	52.128	ng	#	47
36) 4-Chloro-3-methylphenol	12.95	107	155173	50.304	ng	#	76
37) 2-Methylnaphthalene	13.35	142	362647	46.916	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	250517	46.368	ng	#	97
40) Hexachlorocyclopentadiene	13.67	237	326972	114.719	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	160421	51.499	ng		98
43) 2,4,5-Trichlorophenol	13.99	196	175590	50.865	ng	#	90
45) 1,1'-Biphenyl	14.32	154	518190	47.300	ng		95
46) 2-Chloronaphthalene	14.37	162	387400	46.360	ng		96
47) 2-Nitroaniline	14.55	65	79417	55.028	ng	#	65
48) Acenaphthylene	15.20	152	593991	44.432	ng		99
49) Dimethylphthalate	14.91	163	510543	45.181	ng		99
50) 2,6-Dinitrotoluene	15.03	165	115247	55.440	ng	#	61
51) Acenaphthene	15.54	154	426104	48.668	ng		96
52) 3-Nitroaniline	15.36	138	49574	24.443	ng	#	77
53) 2,4-Dinitrophenol	15.56	184	99889	109.952	ng	#	66
54) Dibenzofuran	15.87	168	625944	46.638	ng		98
55) 4-Nitrophenol	15.63	139	187080	113.334	ng	#	69
56) 2,4-Dinitrotoluene	15.81	165	163927	61.327	ng	#	61
57) Fluorene	16.51	166	501882	46.032	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	186474	55.366	ng	#	83
59) Diethylphthalate	16.25	149	501203	45.507	ng		95
60) 4-Chlorophenyl-phenylether	16.49	204	300726	45.079	ng		93
61) 4-Nitroaniline	16.51	138	90234	45.593	ng		80
62) Azobenzene	16.78	77	322120	45.605	ng		81
64) 4,6-Dinitro-2-methylphenol	16.56	198	76776	47.747	ng	#	68
65) n-Nitrosodiphenylamine	16.70	169	471236	42.880	ng		98
66) 4-Bromophenyl-phenylether	17.38	248	224150	46.845	ng		94
67) Hexachlorobenzene	17.51	284	233363	47.708	ng	#	88
68) Atrazine	17.62	200	210197	49.189	ng		97
69) Pentachlorophenol	17.84	266	312811	92.976	ng		99
70) Phenanthrene	18.25	178	868831	46.397	ng		98
71) Anthracene	18.34	178	892797	47.263	ng		98
72) Carbazole	18.59	167	784836	46.942	ng		100
73) Di-n-butylphthalate	19.11	149	878114	47.260	ng		99
74) Fluoranthene	20.20	202	1099015	47.831	ng		95
76) Benzidine	20.36	184	297199	25.299	ng		98
77) Pyrene	20.56	202	1113868	45.816	ng		97
79) Butylbenzylphthalate	21.44	149	386707	47.383	ng	#	75
80) Benzo(a)anthracene	22.55	228	1126122	46.513	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	200575	21.368	ng	#	98
82) Chrysene	22.62	228	1057293	46.155	ng		97
83) Bis(2-ethylhexyl)phthalate	22.40	149	538560	45.548	ng	#	97
84) Di-n-octyl phthalate	23.82	149	946021	47.507	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.78	276	1469606	50.007	ng	#	85
87) Benzo(b)fluoranthene	25.14	252	1215775	46.715	ng	#	97
88) Benzo(k)fluoranthene	25.23	252	1182703	45.409	ng	#	97
89) Benzo(a)pyrene	26.18	252	1198131	48.069	ng	#	97
90) Dibenzo(a,h)anthracene	30.86	278	1217469	47.294	ng	#	95
91) Benzo(g,h,i)perylene	30.78	276	1469606	48.353	ng	#	94

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

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