Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
Data File : BG031935.D
Acq On : 5 Jan 2018 16:37
Operator : SJ/JU
Sample : J1011-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-010318-AMS

Quant Time: Jan 05 17:12:30 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	51979	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	223364	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	155291	20.00	ng		-0.01
63) Phenanthrene-d10	18.15	188	397411	20.00	ng		-0.01
75) Chrysene-d12	22.49	240	442497	20.00	ng		-0.03
86) Perylene-d12	26.22	264	460533	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	353640	123.92	ng		0.00
7) Phenol-d6	7.89	99	415503	112.14	ng		0.00
23) Nitrobenzene-d5	9.98	82	283525	95.85	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	361949	152.75	ng		-0.01
44) 2-Fluorobiphenyl	14.04	172	999033	80.75	ng		-0.01
78) Terphenyl-d14	20.68	244	1816877	93.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	34618	32.724	ng	#	71
3) Pyridine	4.32	79	94501	33.419	ng	#	76
4) n-Nitrosodimethylamine	4.22	42	45630	39.989	ng	#	89
6) Aniline	8.07	93	52006	10.909	ng		91
8) 2-Chlorophenol	8.33	128	148853	44.966	ng	#	80
9) Benzaldehyde	7.88	77	31806	14.256	ng	#	77
10) Phenol	7.92	94	139091	37.182	ng		90
11) bis(2-Chloroethyl)ether	8.17	93	122041	39.283	ng	#	81
12) 1,3-Dichlorobenzene	8.67	146	160456	39.032	ng	#	93
13) 1,4-Dichlorobenzene	8.82	146	161447	38.446	ng		96
14) 1,2-Dichlorobenzene	9.15	146	156934	39.440	ng		96
15) Benzyl Alcohol	9.02	79	121064	43.525	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.32	45	122580	48.451	ng		81
17) 2-Methylphenol	9.22	107	118096	44.122	ng		97
18) Hexachloroethane	9.91	117	50420	39.643	ng	#	83
19) n-Nitroso-di-n-propylamine	9.60	70	97547	38.550	ng	#	81
20) 3+4-Methylphenols	9.55	107	159270	41.868	ng		94
22) Acetophenone	9.62	105	216043	41.631	ng	#	86
24) Nitrobenzene	10.03	77	140437	46.066	ng	#	85
25) Isophorone	10.55	82	272022	42.719	ng	#	88
26) 2-Nitrophenol	10.75	139	90037	56.328	ng	#	81
27) 2,4-Dimethylphenol	10.79	122	155396	46.200	ng		93
28) bis(2-Chloroethoxy)methane	11.03	93	169916	39.768	ng		96
29) 2,4-Dichlorophenol	11.29	162	183185	46.391	ng		93
30) 1,2,4-Trichlorobenzene	11.52	180	190754	39.564	ng		99
31) Naphthalene	11.72	128	564091	50.041	ng		98
32) Benzoic acid	10.89	122	57996	28.453	ng	#	78
33) 4-Chloroaniline	11.81	127	42631	8.494	ng	#	91
34) Hexachlorobutadiene	11.99	225	129117	39.009	ng		96
35) Caprolactam	12.56	113	40890	34.163	ng	#	50
36) 4-Chloro-3-methylphenol	12.88	107	171167	46.935	ng	#	84
37) 2-Methylnaphthalene	13.28	142	391927	42.888	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	267939	40.963	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	317271	91.946	ng		94

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	170861	45.306 ng		99
43) 2,4,5-Trichlorophenol	13.93	196	192170	45.981 ng	#	89
45) 1,1'-Biphenyl	14.25	154	558668	42.121 ng		94
46) 2-Chloronaphthalene	14.31	162	418516	41.369 ng		97
47) 2-Nitroaniline	14.49	65	94715	54.208 ng	#	67
48) Acenaphthylene	15.15	152	646349	39.935 ng		98
49) Dimethylphthalate	14.85	163	570310	41.688 ng	#	99
50) 2,6-Dinitrotoluene	14.97	165	128200	50.940 ng	#	67
51) Acenaphthene	15.48	154	458350	43.241 ng		96
52) 3-Nitroaniline	15.30	138	46390	18.893 ng	#	69
53) 2,4-Dinitrophenol	15.50	184	86142	80.516 ng	#	73
54) Dibenzofuran	15.81	168	697204	42.908 ng		100
55) 4-Nitrophenol	15.58	139	179681	89.911 ng	#	72
56) 2,4-Dinitrotoluene	15.75	165	182636	56.437 ng	#	64
57) Fluorene	16.45	166	559362	42.376 ng		97
58) 2,3,4,6-Tetrachlorophenol	16.02	232	204514	50.156 ng	#	85
59) Diethylphthalate	16.19	149	557494	41.810 ng		95
60) 4-Chlorophenyl-phenylether	16.43	204	332998	41.230 ng		92
61) 4-Nitroaniline	16.46	138	97229	40.579 ng		80
62) Azobenzene	16.72	77	366428	42.851 ng		83
64) 4,6-Dinitro-2-methylphenol	16.50	198	77538	41.472 ng	#	67
65) n-Nitrosodiphenylamine	16.64	169	516884	39.161 ng		99
66) 4-Bromophenyl-phenylether	17.32	248	244611	42.565 ng		95
67) Hexachlorobenzene	17.45	284	247928	42.202 ng	#	91
68) Atrazine	17.57	200	231184	45.045 ng		97
69) Pentachlorophenol	17.79	266	314170	77.750 ng		98
70) Phenanthrene	18.19	178	948161	42.158 ng		98
71) Anthracene	18.28	178	967992	42.667 ng		99
72) Carbazole	18.54	167	847571	42.209 ng		100
73) Di-n-butylphthalate	19.05	149	932749	41.798 ng		99
74) Fluoranthene	20.15	202	1181804	42.825 ng		96
76) Benzidine	20.31	184	118109	8.648 ng		98
77) Pyrene	20.51	202	1197424	42.364 ng		97
79) Butylbenzylphthalate	21.38	149	413063	43.533 ng	#	74
80) Benzo(a)anthracene	22.47	228	1188986	42.241 ng		100
81) 3,3'-Dichlorobenzidine	22.36	252	153740	14.087 ng	#	97
82) Chrysene	22.54	228	1114273	41.839 ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	561761	40.865 ng	#	98
84) Di-n-octyl phthalate	23.71	149	939782	40.592 ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.57	276	1431302	41.891 ng	#	89
87) Benzo(b)fluoranthene	25.03	252	1216054	42.539 ng	#	97
88) Benzo(k)fluoranthene	25.11	252	1202929	42.047 ng	#	97
89) Benzo(a)pyrene	26.05	252	1178539	43.046 ng	#	98
90) Dibenzo(a,h)anthracene	30.64	278	1187354	41.991 ng	#	96
91) Benzo(g,h,i)perylene	30.57	276	1431302	42.873 ng	#	93

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

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