Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022693.D
Acq On : 29 Jun 2016 2:26
Operator : UM/SJ
Sample : H3769-02MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-B1(13-15)MS

Quant Time: Jun 29 04:01:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	109131	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	451766	20.00	ng		-0.01
38) Acenaphthene-d10	14.80	164	320952	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	877689	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1023235	20.00	ng		0.00
86) Perylene-d12	25.21	264	1074320	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	796891	117.12	ng		0.00
7) Phenol-d6	7.30	99	1145662	119.46	ng		0.00
23) Nitrobenzene-d5	9.33	82	783788	73.43	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	667901	132.31	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1465629	72.42	ng		-0.01
78) Terphenyl-d14	20.15	244	2580828	66.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	84133	30.51	ng		96
3) Pyridine	3.98	79	129588	16.80	ng		93
4) n-Nitrosodimethylamine	3.90	42	70918	16.07	ng		92
6) Aniline	7.48	93	168580	13.26	ng		96
8) 2-Chlorophenol	7.72	128	137988	19.58	ng		97
9) Benzaldehyde	7.29	77	122751	36.37	ng		94
10) Phenol	7.33	94	222012	21.90	ng		90
11) bis(2-Chloroethyl)ether	7.57	93	142580	17.09	ng		95
12) 1,3-Dichlorobenzene	8.05	146	147364	17.18	ng		98
13) 1,4-Dichlorobenzene	8.20	146	153805	17.89	ng		96
14) 1,2-Dichlorobenzene	8.51	146	144644	17.69	ng		93
15) Benzyl Alcohol	8.39	79	164050	18.49	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	160859	17.43	ng		98
17) 2-Methylphenol	8.60	107	131080	19.62	ng		88
18) Hexachloroethane	9.25	117	57969	16.29	ng		89
19) n-Nitroso-di-n-propylamine	8.96	70	135350	16.95	ng		100
20) 3+4-Methylphenols	8.92	107	175490	19.07	ng		95
22) Acetophenone	8.98	105	243656	18.66	ng	#	91
24) Nitrobenzene	9.37	77	211254	17.91	ng		94
25) Isophorone	9.90	82	361810	17.46	ng		97
26) 2-Nitrophenol	10.09	139	81909	19.28	ng		93
27) 2,4-Dimethylphenol	10.14	122	144019	17.74	ng	#	81
28) bis(2-Chloroethoxy)methane	10.38	93	211723	18.71	ng		92
29) 2,4-Dichlorophenol	10.62	162	162881	20.59	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	169361	18.03	ng		97
31) Naphthalene	11.03	128	427692	18.83	ng		96
32) Benzoic acid	10.14	122	144019	29.36	ng	#	8
33) 4-Chloroaniline	11.13	127	111453	11.39	ng		93
34) Hexachlorobutadiene	11.32	225	120676	16.53	ng		96
35) Caprolactam	11.90	113	50689	20.34	ng		88
36) 4-Chloro-3-methylphenol	12.25	107	195095	20.09	ng		97
37) 2-Methylnaphthalene	12.63	142	315056	17.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	206764	17.06	ng		98
40) Hexachlorocyclopentadiene	12.97	237	439706	45.46	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	154108	19.83	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	174190	21.43	ng		97
45) 1,1'-Biphenyl	13.63	154	443232	18.13	ng		97
46) 2-Chloronaphthalene	13.67	162	373796	18.58	ng		96
47) 2-Nitroaniline	13.87	65	152166	19.60	ng		93
48) Acenaphthylene	14.52	152	569607	19.52	ng		97
49) Dimethylphthalate	14.24	163	808224	30.36	ng		97
50) 2,6-Dinitrotoluene	14.37	165	113097	19.55	ng	#	79
51) Acenaphthene	14.86	154	362706	16.87	ng		97
52) 3-Nitroaniline	14.70	138	96089	17.75	ng		88
53) 2,4-Dinitrophenol	14.90	184	161036	45.19	ng		88
54) Dibenzofuran	15.19	168	603442	19.38	ng		97
55) 4-Nitrophenol	14.99	139	299480	65.42	ng		89
56) 2,4-Dinitrotoluene	15.15	165	171254	21.37	ng		97
57) Fluorene	15.85	166	487338	19.62	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.41	232	185290	21.98	ng	#	98
59) Diethylphthalate	15.60	149	540007	19.73	ng		98
60) 4-Chlorophenyl-phenylether	15.84	204	272639	18.43	ng		98
61) 4-Nitroaniline	15.86	138	115334	20.65	ng	#	77
62) Azobenzene	16.13	77	536651	18.10	ng		92
64) 4,6-Dinitro-2-methylphenol	15.91	198	112481	19.11	ng		96
65) n-Nitrosodiphenylamine	16.05	169	458931	17.97	ng		99
66) 4-Bromophenyl-phenylether	16.73	248	193193	16.97	ng		94
67) Hexachlorobenzene	16.85	284	206923	17.19	ng		97
68) Atrazine	16.99	200	215614	19.99	ng		97
69) Pentachlorophenol	17.20	266	440724	53.19	ng		98
70) Phenanthrene	17.60	178	840301	18.77	ng		98
71) Anthracene	17.69	178	852983	18.52	ng		96
72) Carbazole	17.96	167	777020	19.90	ng		97
73) Di-n-butylphthalate	18.51	149	883680	19.43	ng	#	95
74) Fluoranthene	19.60	202	1045310	20.27	ng		96
76) Benzidine	19.78	184	730530	67.06	ng		99
77) Pyrene	19.97	202	1050789	19.28	ng		92
79) Butylbenzylphthalate	20.84	149	416887	17.67	ng		98
80) Benzo(a)anthracene	21.83	228	1088998	19.23	ng		92
81) 3,3'-Dichlorobenzidine	21.73	252	263055	11.25	ng		97
82) Chrysene	21.89	228	1022448	19.22	ng		95
83) Bis(2-ethylhexyl)phthalate	21.72	149	576082	17.34	ng		96
84) Di-n-octyl phthalate	22.97	149	969196	17.70	ng	#	95
85) Indeno(1,2,3-cd)pyrene	29.04	276	1174668	16.80	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	1134184	17.56	ng		98
88) Benzo(k)fluoranthene	24.20	252	1077766	17.65	ng		97
89) Benzo(a)pyrene	25.04	252	1081112	17.17	ng		98
90) Dibenzo(a,h)anthracene	29.11	278	998105	16.84	ng		97
91) Benzo(g,h,i)perylene	30.24	276	965607	16.00	ng		100

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

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