Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022673.D
Acq On : 28 Jun 2016 13:06
Operator : UM/SJ
Sample : H3731-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-55-062216MS

Quant Time: Jun 28 14:03:56 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	119171	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	495569	20.00	ng		-0.01
38) Acenaphthene-d10	14.80	164	362466	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1012340	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1206166	20.00	ng		0.00
86) Perylene-d12	25.20	264	1229413	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	975907	131.35	ng		0.00
7) Phenol-d6	7.31	99	1365333	130.37	ng		0.00
23) Nitrobenzene-d5	9.33	82	1065750	91.02	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	906813	159.06	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2058568	90.07	ng		0.00
78) Terphenyl-d14	20.15	244	3407746	74.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	103772	34.46	ng	#	86
3) Pyridine	4.00	79	128995	15.31	ng		96
4) n-Nitrosodimethylamine	3.90	42	91427	18.98	ng	#	96
6) Aniline	7.49	93	151177	10.89	ng		95
8) 2-Chlorophenol	7.73	128	165621	21.52	ng		92
9) Benzaldehyde	7.29	77	122846	33.33	ng		97
10) Phenol	7.34	94	237897	21.49	ng		89
11) bis(2-Chloroethyl)ether	7.57	93	184295	20.23	ng		97
12) 1,3-Dichlorobenzene	8.05	146	178336	19.04	ng		95
13) 1,4-Dichlorobenzene	8.20	146	172572	18.38	ng		96
14) 1,2-Dichlorobenzene	8.52	146	170840	19.13	ng		96
15) Benzyl Alcohol	8.40	79	231240	23.86	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	207356	20.58	ng		94
17) 2-Methylphenol	8.60	107	157607	21.60	ng		94
18) Hexachloroethane	9.25	117	74880	19.27	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	182762	20.95	ng	#	95
20) 3+4-Methylphenols	8.92	107	228406	22.73	ng		93
22) Acetophenone	8.99	105	317798	22.18	ng	#	94
24) Nitrobenzene	9.37	77	276130	21.34	ng		99
25) Isophorone	9.90	82	481514	21.18	ng		96
26) 2-Nitrophenol	10.09	139	101162	21.70	ng		98
27) 2,4-Dimethylphenol	10.14	122	184215	20.68	ng		90
28) bis(2-Chloroethoxy)methane	10.38	93	270144	21.77	ng		99
29) 2,4-Dichlorophenol	10.62	162	207499	23.91	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	213802	20.75	ng		98
31) Naphthalene	11.03	128	589198	23.65	ng		95
32) Benzoic acid	10.23	122	127068	24.61	ng		97
33) 4-Chloroaniline	11.14	127	27404	2.55	ng		93
34) Hexachlorobutadiene	11.31	225	156679	19.57	ng		96
35) Caprolactam	11.90	113	64254m	23.51	ng		
36) 4-Chloro-3-methylphenol	12.25	107	251703	23.63	ng		97
37) 2-Methylnaphthalene	12.63	142	435993	22.57	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	288721	21.10	ng		99
40) Hexachlorocyclopentadiene	12.97	237	550869	50.43	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	197349	22.49	ng		95
43) 2,4,5-Trichlorophenol	13.30	196	223778	24.37	ng		92
45) 1,1'-Biphenyl	13.63	154	609603	22.08	ng		96
46) 2-Chloronaphthalene	13.67	162	489431	21.54	ng		98
47) 2-Nitroaniline	13.87	65	206519	23.55	ng		95
48) Acenaphthylene	14.52	152	745286	22.62	ng		96
49) Dimethylphthalate	14.24	163	698125	23.22	ng		100
50) 2,6-Dinitrotoluene	14.37	165	150630	23.05	ng	#	82
51) Acenaphthene	14.86	154	730042m	30.07	ng		
52) 3-Nitroaniline	14.70	138	72852	11.92	ng		88
53) 2,4-Dinitrophenol	14.90	184	302462	75.16	ng		91
54) Dibenzofuran	15.19	168	835444	23.76	ng		96
55) 4-Nitrophenol	14.99	139	368256	71.23	ng		96
56) 2,4-Dinitrotoluene	15.15	165	236711	26.15	ng		95
57) Fluorene	15.85	166	681072	24.27	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	239852	25.20	ng	#	97
59) Diethylphthalate	15.60	149	733035	23.71	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	391058	23.41	ng		97
61) 4-Nitroaniline	15.86	138	152471	24.17	ng		92
62) Azobenzene	16.13	77	776443	23.19	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	149368	22.00	ng		91
65) n-Nitrosodiphenylamine	16.05	169	641054	21.76	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	281749	21.45	ng		96
67) Hexachlorobenzene	16.85	284	296469	21.35	ng		99
68) Atrazine	16.99	200	242352	19.48	ng		99
69) Pentachlorophenol	17.20	266	619847	64.86	ng		97
70) Phenanthrene	17.60	178	1208270	23.40	ng		98
71) Anthracene	17.69	178	1213599	22.84	ng		98
72) Carbazole	17.96	167	1086490	24.12	ng		99
73) Di-n-butylphthalate	18.51	149	1303169	24.85	ng	#	96
74) Fluoranthene	19.60	202	1537175	25.85	ng		97
76) Benzidine	19.79	184	388458m	30.25	ng		
77) Pyrene	19.97	202	1542703	24.01	ng		97
79) Butylbenzylphthalate	20.84	149	629260	22.63	ng		98
80) Benzo(a)anthracene	21.83	228	1664859	24.94	ng		95
81) 3,3'-Dichlorobenzidine	21.74	252	370076	13.42	ng		96
82) Chrysene	21.90	228	1550619	24.72	ng		99
83) Bis(2-ethylhexyl)phthalate	21.72	149	833809	21.29	ng		99
84) Di-n-octyl phthalate	22.97	149	1440290	22.31	ng		96
85) Indeno(1,2,3-cd)pyrene	29.04	276	1789489	21.71	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	1719870	23.27	ng		99
88) Benzo(k)fluoranthene	24.20	252	1654373	23.67	ng	#	97
89) Benzo(a)pyrene	25.04	252	1632091	22.65	ng		98
90) Dibenzo(a,h)anthracene	29.12	278	1480760	21.83	ng	#	95
91) Benzo(g,h,i)perylene	30.25	276	1417980	20.53	ng	#	98

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

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