Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022677.D
Acq On : 28 Jun 2016 15:46
Operator : UM/SJ
Sample : PB91593BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91593BS

Quant Time: Jun 28 18:59:28 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	127970	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	516980	20.00	ng		-0.01
38) Acenaphthene-d10	14.80	164	383127	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1017363	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1220861	20.00	ng		0.00
86) Perylene-d12	25.21	264	1265986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	966495	121.14	ng		0.00
7) Phenol-d6	7.31	99	1404957	124.93	ng		0.00
23) Nitrobenzene-d5	9.33	82	988034	80.89	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	825509	136.99	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1916737	79.34	ng		0.00
78) Terphenyl-d14	20.15	244	3115507	67.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	94474	29.22	ng	#	95
3) Pyridine	3.99	79	151050	16.70	ng		94
4) n-Nitrosodimethylamine	3.89	42	87233	16.86	ng		92
6) Aniline	7.48	93	227552	15.26	ng		98
8) 2-Chlorophenol	7.72	128	174177	21.08	ng		95
9) Benzaldehyde	7.29	77	157463	39.79	ng		94
10) Phenol	7.33	94	261921	22.04	ng		95
11) bis(2-Chloroethyl)ether	7.58	93	183565	18.76	ng		99
12) 1,3-Dichlorobenzene	8.05	146	185772	18.47	ng		94
13) 1,4-Dichlorobenzene	8.20	146	196683	19.51	ng		91
14) 1,2-Dichlorobenzene	8.52	146	179906	18.76	ng		93
15) Benzyl Alcohol	8.39	79	219409	21.09	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.69	45	200538	18.53	ng		99
17) 2-Methylphenol	8.60	107	168012	21.44	ng		95
18) Hexachloroethane	9.26	117	74356	17.82	ng	#	86
19) n-Nitroso-di-n-propylamine	8.96	70	172468	18.41	ng		98
20) 3+4-Methylphenols	8.92	107	224877	20.84	ng		96
22) Acetophenone	8.99	105	305324	20.43	ng	#	89
24) Nitrobenzene	9.37	77	269714	19.98	ng		94
25) Isophorone	9.90	82	455079	19.19	ng		99
26) 2-Nitrophenol	10.09	139	104509	21.49	ng		94
27) 2,4-Dimethylphenol	10.14	122	178978	19.26	ng		91
28) bis(2-Chloroethoxy)methane	10.38	93	267630	20.67	ng		99
29) 2,4-Dichlorophenol	10.62	162	208151	23.00	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	215440	20.04	ng		95
31) Naphthalene	11.04	128	527438	20.30	ng		99
32) Benzoic acid	10.23	122	119932	22.76	ng		94
33) 4-Chloroaniline	11.14	127	95036	8.49	ng	#	95
34) Hexachlorobutadiene	11.32	225	170915	20.46	ng		93
35) Caprolactam	11.90	113	65274m	22.89	ng		
36) 4-Chloro-3-methylphenol	12.25	107	252048	22.68	ng		99
37) 2-Methylnaphthalene	12.63	142	417444	20.71	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	285045	19.71	ng		98
40) Hexachlorocyclopentadiene	12.97	237	597517	51.75	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	203620	21.95	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	220336	22.70	ng		94
45) 1,1'-Biphenyl	13.63	154	600967	20.59	ng		97
46) 2-Chloronaphthalene	13.67	162	482941	20.11	ng		96
47) 2-Nitroaniline	13.87	65	200440	21.62	ng		100
48) Acenaphthylene	14.52	152	711837	20.44	ng		99
49) Dimethylphthalate	14.24	163	669047	21.05	ng		99
50) 2,6-Dinitrotoluene	14.36	165	153443	22.22	ng		85
51) Acenaphthene	14.86	154	691612m	26.95	ng		
52) 3-Nitroaniline	14.70	138	105853	16.38	ng	#	87
53) 2,4-Dinitrophenol	14.90	184	304632	71.61	ng		94
54) Dibenzofuran	15.20	168	790602	21.27	ng		95
55) 4-Nitrophenol	15.00	139	372125	68.10	ng		96
56) 2,4-Dinitrotoluene	15.15	165	223935	23.41	ng	#	92
57) Fluorene	15.84	166	645170	21.75	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.42	232	226133	22.47	ng		99
59) Diethylphthalate	15.60	149	693965	21.24	ng		100
60) 4-Chlorophenyl-phenylether	15.83	204	374431	21.21	ng		97
61) 4-Nitroaniline	15.86	138	152912	22.93	ng	#	85
62) Azobenzene	16.13	77	737478	20.84	ng		93
64) 4,6-Dinitro-2-methylphenol	15.91	198	142718	20.92	ng		94
65) n-Nitrosodiphenylamine	16.05	169	603758	20.39	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	263036	19.93	ng		92
67) Hexachlorobenzene	16.85	284	284996	20.42	ng		99
68) Atrazine	16.99	200	270125	21.61	ng		99
69) Pentachlorophenol	17.19	266	586607	61.08	ng		97
70) Phenanthrene	17.60	178	1160059	22.36	ng		98
71) Anthracene	17.69	178	1179489	22.09	ng		99
72) Carbazole	17.96	167	1034949	22.86	ng		96
73) Di-n-butylphthalate	18.50	149	1222433	23.19	ng		95
74) Fluoranthene	19.60	202	1473988	24.66	ng		97
76) Benzidine	19.78	184	904077	69.55	ng		100
77) Pyrene	19.96	202	1480987	22.78	ng		95
79) Butylbenzylphthalate	20.84	149	593331	21.08	ng		98
80) Benzo(a)anthracene	21.83	228	1569164	23.23	ng		95
81) 3,3'-Dichlorobenzidine	21.74	252	385146	13.80	ng		99
82) Chrysene	21.90	228	1451008	22.86	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	807953	20.39	ng		98
84) Di-n-octyl phthalate	22.97	149	1393287	21.33	ng		96
85) Indeno(1,2,3-cd)pyrene	29.05	276	1690937	20.27	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	1633034	21.45	ng		99
88) Benzo(k)fluoranthene	24.20	252	1586268	22.04	ng		99
89) Benzo(a)pyrene	25.05	252	1568916	21.14	ng		94
90) Dibenzo(a,h)anthracene	29.13	278	1414159	20.24	ng	#	98
91) Benzo(g,h,i)perylene	30.25	276	1393794	19.60	ng	#	96

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

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