Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022689.D
Acq On : 28 Jun 2016 23:46
Operator : UM/SJ
Sample : PB91664BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91664BS

Quant Time: Jun 29 04:27:58 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	107733	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	439359	20.00	ng		-0.01
38) Acenaphthene-d10	14.79	164	326727	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	863742	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1046728	20.00	ng		0.00
86) Perylene-d12	25.20	264	1091210	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	917923	136.66	ng		0.00
7) Phenol-d6	7.31	99	1333289	140.83	ng		0.00
23) Nitrobenzene-d5	9.33	82	897369	86.44	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	737240	143.46	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1783392	86.56	ng		0.00
78) Terphenyl-d14	20.15	244	2973316	75.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	93515	34.35	ng	#	94
3) Pyridine	3.98	79	157593	20.70	ng		96
4) n-Nitrosodimethylamine	3.90	42	80488	18.48	ng		86
6) Aniline	7.48	93	162353	12.93	ng		96
8) 2-Chlorophenol	7.72	128	160418	23.06	ng		99
9) Benzaldehyde	7.29	77	135934	40.80	ng		93
10) Phenol	7.33	94	233627	23.35	ng		88
11) bis(2-Chloroethyl)ether	7.57	93	168353	20.44	ng		94
12) 1,3-Dichlorobenzene	8.05	146	169692	20.04	ng		92
13) 1,4-Dichlorobenzene	8.20	146	176353	20.78	ng		97
14) 1,2-Dichlorobenzene	8.51	146	166889	20.68	ng		95
15) Benzyl Alcohol	8.40	79	198208	22.63	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.69	45	182973	20.08	ng		98
17) 2-Methylphenol	8.60	107	149475	22.66	ng		96
18) Hexachloroethane	9.25	117	70925	20.19	ng		88
19) n-Nitroso-di-n-propylamine	8.96	70	165106	20.94	ng	#	89
20) 3+4-Methylphenols	8.92	107	203124	22.36	ng		96
22) Acetophenone	8.98	105	268802	21.16	ng	#	97
24) Nitrobenzene	9.37	77	250248	21.81	ng	#	90
25) Isophorone	9.89	82	415174	20.60	ng		98
26) 2-Nitrophenol	10.09	139	94384	22.84	ng	#	81
27) 2,4-Dimethylphenol	10.14	122	165252	20.93	ng		99
28) bis(2-Chloroethoxy)methane	10.38	93	239182	21.74	ng		97
29) 2,4-Dichlorophenol	10.62	162	187944	24.43	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	197904	21.67	ng	#	95
31) Naphthalene	11.03	128	490004	22.19	ng		98
32) Benzoic acid	10.22	122	116350	25.25	ng		96
33) 4-Chloroaniline	11.15	127	80177	8.43	ng	#	85
34) Hexachlorobutadiene	11.32	225	152332	21.46	ng		94
35) Caprolactam	11.90	113	57837	23.87	ng	#	82
36) 4-Chloro-3-methylphenol	12.24	107	230576	24.42	ng		96
37) 2-Methylnaphthalene	12.63	142	364878	21.30	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	255711	20.73	ng		99
40) Hexachlorocyclopentadiene	12.97	237	542220	55.06	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	177902	22.49	ng		94
43) 2,4,5-Trichlorophenol	13.30	196	201189	24.31	ng		89
45) 1,1'-Biphenyl	13.63	154	527028	21.18	ng		98
46) 2-Chloronaphthalene	13.67	162	441801	21.57	ng		97
47) 2-Nitroaniline	13.87	65	176020	22.27	ng		89
48) Acenaphthylene	14.52	152	659541	22.20	ng		99
49) Dimethylphthalate	14.24	163	598523	22.08	ng		99
50) 2,6-Dinitrotoluene	14.36	165	133806	22.72	ng		89
51) Acenaphthene	14.86	154	438234	20.03	ng		95
52) 3-Nitroaniline	14.69	138	86140	15.63	ng		86
53) 2,4-Dinitrophenol	14.89	184	264832	73.01	ng		91
54) Dibenzofuran	15.19	168	711114	22.44	ng		95
55) 4-Nitrophenol	14.99	139	332521	71.36	ng		99
56) 2,4-Dinitrotoluene	15.15	165	199467	24.45	ng	#	87
57) Fluorene	15.84	166	579713	22.92	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.42	232	205801m	23.98	ng		
59) Diethylphthalate	15.60	149	617706	22.17	ng		97
60) 4-Chlorophenyl-phenylether	15.83	204	342230	22.73	ng		96
61) 4-Nitroaniline	15.86	138	138949	24.44	ng	#	85
62) Azobenzene	16.13	77	647062	21.44	ng		91
64) 4,6-Dinitro-2-methylphenol	15.91	198	131158	22.64	ng		98
65) n-Nitrosodiphenylamine	16.05	169	551726	21.95	ng		99
66) 4-Bromophenyl-phenylether	16.73	248	236784	21.13	ng		92
67) Hexachlorobenzene	16.85	284	255169	21.54	ng		92
68) Atrazine	17.00	200	242144	22.82	ng		99
69) Pentachlorophenol	17.20	266	512780	62.89	ng		98
70) Phenanthrene	17.60	178	1023820	23.24	ng		98
71) Anthracene	17.69	178	1042098	22.99	ng		96
72) Carbazole	17.96	167	931180	24.23	ng		96
73) Di-n-butylphthalate	18.51	149	1086608	24.28	ng	#	95
74) Fluoranthene	19.60	202	1313724	25.89	ng		97
76) Benzidine	19.78	184	980004	87.94	ng		98
77) Pyrene	19.96	202	1331351	23.88	ng		97
79) Butylbenzylphthalate	20.83	149	534739	22.16	ng		96
80) Benzo(a)anthracene	21.83	228	1421193	24.54	ng		94
81) 3,3'-Dichlorobenzidine	21.74	252	343793	14.37	ng		96
82) Chrysene	21.90	228	1316161	24.18	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	724593	21.32	ng	#	96
84) Di-n-octyl phthalate	22.97	149	1231152	21.98	ng		96
85) Indeno(1,2,3-cd)pyrene	29.04	276	1515945	21.20	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	1518098	23.14	ng		98
88) Benzo(k)fluoranthene	24.21	252	1401441	22.59	ng	#	96
89) Benzo(a)pyrene	25.05	252	1420461	22.21	ng		97
90) Dibenzo(a,h)anthracene	29.11	278	1249054	20.74	ng	#	96
91) Benzo(g,h,i)perylene	30.25	276	1225847	20.00	ng	#	94

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

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