Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031190.D
Acq On : 22 Nov 2017 15:32
Operator : SJ/JU
Sample : PB104484BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 23 01:05:18 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

Manual Integrations APPROVED
Sohil
11/27/2017 3:22:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	54708	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	240898	20.00	ng		-0.02
38) Acenaphthene-d10	14.76	164	164901	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	414041	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	471298	20.00	ng		-0.02
86) Perylene-d12	25.06	264	471959	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	434128	136.07	ng		0.00
7) Phenol-d6	7.30	99	561601	130.66	ng		0.00
23) Nitrobenzene-d5	9.31	82	320537	78.85	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	265678	99.60	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	938057	81.74	ng		-0.02
78) Terphenyl-d14	20.09	244	1693164	79.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	44706	34.530	ng	#	83
3) Pyridine	3.95	79	132898	35.357	ng		87
4) n-Nitrosodimethylamine	3.87	42	65807	36.942	ng	#	86
6) Aniline	7.46	93	146564	25.910	ng		92
8) 2-Chlorophenol	7.70	128	162877	46.261	ng		91
9) Benzaldehyde	7.27	77	42672	14.187	ng		87
10) Phenol	7.33	94	208580	46.728	ng		90
11) bis(2-Chloroethyl)ether	7.55	93	146134	41.003	ng		87
12) 1,3-Dichlorobenzene	8.03	146	167539	40.558	ng		96
13) 1,4-Dichlorobenzene	8.17	146	169958	40.602	ng		97
14) 1,2-Dichlorobenzene	8.49	146	165648	41.229	ng		96
15) Benzyl Alcohol	8.37	79	138899	40.288	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	213080	54.127	ng		93
17) 2-Methylphenol	8.58	107	140470	45.191	ng		98
18) Hexachloroethane	9.22	117	59025	40.514	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	117132	35.841	ng	#	92
20) 3+4-Methylphenols	8.91	107	195100	44.141	ng		95
22) Acetophenone	8.96	105	231579	38.609	ng	#	92
24) Nitrobenzene	9.35	77	172926	41.641	ng		90
25) Isophorone	9.86	82	322718	40.703	ng	#	90
26) 2-Nitrophenol	10.06	139	94221	43.528	ng	#	86
27) 2,4-Dimethylphenol	10.12	122	162545	50.581	ng		90
28) bis(2-Chloroethoxy)methane	10.34	93	209080	41.870	ng		94
29) 2,4-Dichlorophenol	10.60	162	184033	47.690	ng		92
30) 1,2,4-Trichlorobenzene	10.81	180	196032	42.550	ng		99
31) Naphthalene	11.00	128	491107	41.470	ng		98
32) Benzoic acid	10.27	122	85437	33.818	ng		88
33) 4-Chloroaniline	11.12	127	107847	20.803	ng		92
34) Hexachlorobutadiene	11.28	225	125379	39.241	ng		98
35) Caprolactam	11.88	113	60611m	38.449	ng		
36) 4-Chloro-3-methylphenol	12.23	107	181941	43.320	ng	#	82
37) 2-Methylnaphthalene	12.60	142	387455	42.382	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	246771	37.705	ng		96
40) Hexachlorocyclopentadiene	12.94	237	185194	76.973	ng		91

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Quant Time: Nov 23 01:05:18 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	161775	43.238	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	169620	41.435	ng	#	92
45) 1,1'-Biphenyl	13.59	154	526642	38.514	ng		98
46) 2-Chloronaphthalene	13.64	162	421482	42.721	ng		95
47) 2-Nitroaniline	13.84	65	117233	40.090	ng	#	77
48) Acenaphthylene	14.48	152	652218	40.391	ng		99
49) Dimethylphthalate	14.20	163	562159	39.428	ng		99
50) 2,6-Dinitrotoluene	14.33	165	127832	43.498	ng	#	74
51) Acenaphthene	14.82	154	401369	39.799	ng		98
52) 3-Nitroaniline	14.66	138	83936	26.899	ng	#	78
53) 2,4-Dinitrophenol	14.88	184	115193	71.891	ng	#	47
54) Dibenzofuran	15.15	168	671630	41.811	ng		99
55) 4-Nitrophenol	14.99	139	177745	79.964	ng	#	80
56) 2,4-Dinitrotoluene	15.12	165	184724	43.479	ng	#	72
57) Fluorene	15.80	166	530853	40.705	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	169370	43.411	ng	#	89
59) Diethylphthalate	15.56	149	563381	38.900	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	316178	40.143	ng		92
61) 4-Nitroaniline	15.83	138	134457	40.692	ng		84
62) Azobenzene	16.07	77	454835	41.179	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	97115	35.288	ng		79
65) n-Nitrosodiphenylamine	16.00	169	499620	39.822	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	210193	40.083	ng		97
67) Hexachlorobenzene	16.81	284	213015	38.230	ng		95
68) Atrazine	16.94	200	205559	39.709	ng		97
69) Pentachlorophenol	17.16	266	201608	65.456	ng		96
70) Phenanthrene	17.54	178	910767	42.248	ng		99
71) Anthracene	17.63	178	940327	43.532	ng		99
72) Carbazole	17.90	167	857122	42.348	ng		99
73) Di-n-butylphthalate	18.44	149	996440	40.096	ng		100
74) Fluoranthene	19.54	202	1205925	44.181	ng		97
76) Benzidine	19.71	184	483594	31.943	ng		98
77) Pyrene	19.90	202	1214337	43.421	ng		97
79) Butylbenzylphthalate	20.76	149	484994	43.494	ng		85
80) Benzo(a)anthracene	21.75	228	1247098	42.599	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	302391	25.589	ng		99
82) Chrysene	21.82	228	1180167	43.580	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	676373	42.021	ng		99
84) Di-n-octyl phthalate	22.85	149	1167449	44.562	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1348055	40.947	ng		99
87) Benzo(b)fluoranthene	24.02	252	1245827	43.639	ng		98
88) Benzo(k)fluoranthene	24.09	252	1187490	41.964	ng		99
89) Benzo(a)pyrene	24.91	252	1196100	44.102	ng		99
90) Dibenzo(a,h)anthracene	28.91	278	1124493	40.565	ng		97
91) Benzo(g,h,i)perylene	30.03	276	1107444	41.162	ng		98

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

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