Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021717\
Data File : BG025864.D
Acq On : 17 Feb 2017 18:19
Operator : SJ/MA
Sample : PB97017BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 20 09:56:33 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Manual Integrations APPROVED
mohammad
2/20/2017 12:58:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	93388	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	455361	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	340636	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	753014	20.00	ng		0.00
75) Chrysene-d12	21.67	240	745375	20.00	ng		0.00
86) Perylene-d12	24.89	264	735269	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	527555	98.35	ng		0.00
7) Phenol-d6	7.24	99	739459	93.16	ng		0.00
23) Nitrobenzene-d5	9.24	82	596340	82.65	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	287222	91.27	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	1616803	82.94	ng		0.00
78) Terphenyl-d14	20.02	244	2298216	74.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	77833	31.75	ng	#	87
3) Pyridine	3.95	79	235555	32.24	ng	#	76
4) n-Nitrosodimethylamine	3.85	42	104660	39.84	ng	#	42
6) Aniline	7.41	93	248904	22.55	ng		93
8) 2-Chlorophenol	7.65	128	291868	45.78	ng		89
9) Benzaldehyde	7.22	77	49936	10.62	ng	#	68
10) Phenol	7.27	94	403734	46.81	ng	#	73
11) bis(2-Chloroethyl)ether	7.50	93	269901	38.07	ng		92
12) 1,3-Dichlorobenzene	7.98	146	286189	38.84	ng	#	89
13) 1,4-Dichlorobenzene	8.12	146	295505m	39.58	ng		
14) 1,2-Dichlorobenzene	8.45	146	282426	38.54	ng		92
15) Benzyl Alcohol	8.32	79	262016	45.08	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.62	45	378583	36.80	ng		94
17) 2-Methylphenol	8.52	107	273811	44.06	ng	#	82
18) Hexachloroethane	9.18	117	95925	38.77	ng		87
19) n-Nitroso-di-n-propylamine	8.89	70	220402	38.02	ng	#	84
20) 3+4-Methylphenols	8.84	107	385787	43.58	ng		86
22) Acetophenone	8.90	105	428724	39.24	ng	#	80
24) Nitrobenzene	9.28	77	312893	40.10	ng	#	81
25) Isophorone	9.81	82	634149	39.94	ng	#	92
26) 2-Nitrophenol	10.00	139	157570	43.18	ng	#	68
27) 2,4-Dimethylphenol	10.05	122	314454	46.17	ng		88
28) bis(2-Chloroethoxy)methane	10.29	93	398457	39.60	ng	#	97
29) 2,4-Dichlorophenol	10.53	162	309471	47.61	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	284301	40.22	ng		98
31) Naphthalene	10.94	128	917462	38.97	ng		99
32) Benzoic acid	10.16	122	218638	42.05	ng	#	81
33) 4-Chloroaniline	11.04	127	96041	9.39	ng	#	87
34) Hexachlorobutadiene	11.23	225	155315	38.61	ng		99
35) Caprolactam	11.80	113	125921m	47.97	ng		
36) 4-Chloro-3-methylphenol	12.14	107	362728	46.64	ng	#	80
37) 2-Methylnaphthalene	12.54	142	726988	40.54	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	316954	37.12	ng		98
40) Hexachlorocyclopentadiene	12.88	237	386334	82.69	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	257717	46.74	ng		94
43) 2,4,5-Trichlorophenol	13.20	196	274452	43.85	ng	#	93
45) 1,1'-Biphenyl	13.53	154	962469	38.99	ng		98
46) 2-Chloronaphthalene	13.58	162	712521	39.93	ng		97
47) 2-Nitroaniline	13.76	65	250742	44.30	ng	#	73
48) Acenaphthylene	14.41	152	1269218	39.94	ng		99
49) Dimethylphthalate	14.14	163	1013604	43.37	ng		99
50) 2,6-Dinitrotoluene	14.25	165	230124	43.84	ng	#	69
51) Acenaphthene	14.75	154	928570	44.25	ng		98
52) 3-Nitroaniline	14.57	138	109207	18.60	ng	#	75
53) 2,4-Dinitrophenol	14.79	184	264647	96.34	ng	#	86
54) Dibenzofuran	15.09	168	1212394	43.34	ng		91
55) 4-Nitrophenol	14.88	139	450642	94.30	ng	#	48
56) 2,4-Dinitrotoluene	15.04	165	330536	46.80	ng	#	77
57) Fluorene	15.73	166	1020279	40.81	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	270249	48.94	ng		97
59) Diethylphthalate	15.50	149	1068410	44.20	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	470746	40.64	ng		95
61) 4-Nitroaniline	15.74	138	269472	44.27	ng	#	55
62) Azobenzene	16.01	77	971624	46.76	ng		87
64) 4,6-Dinitro-2-methylphenol	15.80	198	182294	41.37	ng		92
65) n-Nitrosodiphenylamine	15.93	169	938127	41.08	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	322120	40.81	ng		98
67) Hexachlorobenzene	16.73	284	320821	39.44	ng		96
68) Atrazine	16.87	200	329784	40.80	ng		97
69) Pentachlorophenol	17.07	266	424863	84.67	ng		99
70) Phenanthrene	17.47	178	1643459	40.20	ng		97
71) Anthracene	17.55	178	1690622	40.57	ng		99
72) Carbazole	17.81	167	1611823	38.50	ng		97
73) Di-n-butylphthalate	18.38	149	1859799	45.25	ng	#	94
74) Fluoranthene	19.46	202	1876177	41.69	ng		94
76) Benzidine	19.63	184	529676	22.51	ng		99
77) Pyrene	19.82	202	1897892	40.26	ng		98
79) Butylbenzylphthalate	20.70	149	809600	45.25	ng		90
80) Benzo(a)anthracene	21.65	228	1780260	40.91	ng		98
81) 3,3'-Dichlorobenzidine	21.57	252	347971	22.43	ng	#	98
82) Chrysene	21.72	228	1625284	38.84	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	1168577	45.24	ng		99
84) Di-n-octyl phthalate	22.78	149	1999276	46.87	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.55	276	2087725	42.36	ng	#	87
87) Benzo(b)fluoranthene	23.86	252	1800382	40.88	ng	#	96
88) Benzo(k)fluoranthene	23.93	252	1777229	41.36	ng	#	94
89) Benzo(a)pyrene	24.73	252	1756734	42.13	ng	#	94
90) Dibenzo(a,h)anthracene	28.61	278	1732421	41.36	ng	#	92
91) Benzo(g,h,i)perylene	29.69	276	1734827	41.30	ng	#	86

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

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