Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017932.D
Acq On : 17 Jul 2015 19:13
Operator : TP/UM
Sample : PB84519BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB84519BSD

Manual Integrations APPROVED
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7/20/2015 3:26:28 PM

Quant Time: Jul 18 02:50:54 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	92526	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	410948	20.00	ng		0.00
38) Acenaphthene-d10	14.24	164	252831	20.00	ng		0.00
63) Phenanthrene-d10	16.99	188	545555	20.00	ng		0.00
75) Chrysene-d12	21.20	240	565530	20.00	ng		0.00
86) Perylene-d12	23.41	264	535802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	449714	84.79	ng		0.00
7) Phenol-d6	6.76	99	589814	84.88	ng		0.00
23) Nitrobenzene-d5	8.74	82	507592	80.00	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	205986	80.41	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	1198728	82.16	ng		0.00
78) Terphenyl-d14	19.64	244	1700041	75.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	72526	31.11	ng	#	94
3) Pyridine	3.52	79	208761	33.51	ng	#	86
4) n-Nitrosodimethylamine	3.45	42	87276	36.90	ng	#	59
6) Aniline	6.92	93	287871	31.07	ng		96
8) 2-Chlorophenol	7.15	128	266358	42.60	ng		98
9) Benzaldehyde	6.73	77	87185	20.48	ng		94
10) Phenol	6.79	94	321427	43.34	ng		93
11) bis(2-Chloroethyl)ether	7.02	93	229801	39.61	ng		95
12) 1,3-Dichlorobenzene	7.48	146	260856	37.99	ng		96
13) 1,4-Dichlorobenzene	7.62	146	265824	37.77	ng		98
14) 1,2-Dichlorobenzene	7.93	146	256893	38.20	ng		99
15) Benzyl Alcohol	7.83	79	213046	41.45	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.12	45	271240	38.81	ng		96
17) 2-Methylphenol	8.03	107	217771	42.12	ng		96
18) Hexachloroethane	8.65	117	99153	37.30	ng		95
19) n-Nitroso-di-n-propylamine	8.39	70	189242	37.30	ng		89
20) 3+4-Methylphenols	8.36	107	300185	42.89	ng		97
22) Acetophenone	8.40	105	337574	38.03	ng	#	93
24) Nitrobenzene	8.78	77	270256	39.98	ng		93
25) Isophorone	9.30	82	520655	39.13	ng		98
26) 2-Nitrophenol	9.49	139	129694	40.21	ng		91
27) 2,4-Dimethylphenol	9.56	122	252567	43.04	ng		97
28) bis(2-Chloroethoxy)methane	9.79	93	300436	40.52	ng		98
29) 2,4-Dichlorophenol	10.02	162	240395	45.99	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	236842	38.13	ng		97
31) Naphthalene	10.41	128	779422	38.75	ng		99
32) Benzoic acid	9.70	122	94303	43.73	ng		87
33) 4-Chloroaniline	10.53	127	204521	22.81	ng		96
34) Hexachlorobutadiene	10.71	225	131423	37.56	ng		96
35) Caprolactam	11.29	113	114917m	43.26	ng		
36) 4-Chloro-3-methylphenol	11.67	107	265955	44.82	ng		92
37) 2-Methylnaphthalene	12.04	142	573800	39.74	ng		100
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	258328	38.12	ng		98
40) Hexachlorocyclopentadiene	12.40	237	319520	86.46	ng		97

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Quant Time: Jul 18 02:50:54 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	182321	41.37	ng		98
43) 2,4,5-Trichlorophenol	12.73	196	203270	44.35	ng		97
45) 1,1'-Biphenyl	13.07	154	712274	40.24	ng		98
46) 2-Chloronaphthalene	13.11	162	569104	39.67	ng		97
47) 2-Nitroaniline	13.32	65	161725	41.99	ng		86
48) Acenaphthylene	13.96	152	954738	39.91	ng		100
49) Dimethylphthalate	13.71	163	728549	41.48	ng		99
50) 2,6-Dinitrotoluene	13.83	165	168510	42.34	ng		89
51) Acenaphthene	14.31	154	574260	39.64	ng		98
52) 3-Nitroaniline	14.16	138	129794	29.01	ng		93
53) 2,4-Dinitrophenol	14.37	184	148437	71.35	ng		94
54) Dibenzofuran	14.64	168	871590	41.70	ng		100
55) 4-Nitrophenol	14.47	139	317496	89.70	ng		91
56) 2,4-Dinitrotoluene	14.62	165	232309	43.52	ng		95
57) Fluorene	15.30	166	744554	41.44	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.87	232	175068	44.31	ng		98
59) Diethylphthalate	15.08	149	772937	42.49	ng		99
60) 4-Chlorophenyl-phenylether	15.30	204	371724	42.20	ng		95
61) 4-Nitroaniline	15.33	138	210328	40.13	ng		93
62) Azobenzene	15.59	77	714578	42.51	ng		94
64) 4,6-Dinitro-2-methylphenol	15.38	198	111616	41.13	ng		90
65) n-Nitrosodiphenylamine	15.51	169	650872	39.68	ng		99
66) 4-Bromophenyl-phenylether	16.20	248	222168	40.64	ng		95
67) Hexachlorobenzene	16.30	284	242051	39.89	ng		96
68) Atrazine	16.48	200	239209	44.39	ng		99
69) Pentachlorophenol	16.65	266	278991	72.88	ng		97
70) Phenanthrene	17.04	178	1116663	39.68	ng		99
71) Anthracene	17.13	178	1140848	41.67	ng		98
72) Carbazole	17.41	167	1063717	41.12	ng		99
73) Di-n-butylphthalate	17.98	149	1330082	41.95	ng		99
74) Fluoranthene	19.06	202	1243834	40.37	ng		98
76) Benzidine	19.26	184	447948	27.89	ng		97
77) Pyrene	19.43	202	1293067	41.00	ng		99
79) Butylbenzylphthalate	20.35	149	625509	44.28	ng		92
80) Benzo(a)anthracene	21.18	228	1210487	40.53	ng		98
81) 3,3'-Dichlorobenzidine	21.12	252	283600	26.18	ng		99
82) Chrysene	21.24	228	1126860	39.61	ng		99
83) Bis(2-ethylhexyl)phthalate	21.12	149	847501	43.57	ng		99
84) Di-n-octyl phthalate	22.00	149	1361653	44.44	ng	#	92
85) Indeno(1,2,3-cd)pyrene	25.66	276	1359786	39.52	ng		99
87) Benzo(b)fluoranthene	22.75	252	1226653	41.84	ng		99
88) Benzo(k)fluoranthene	22.79	252	1173669	40.09	ng		99
89) Benzo(a)pyrene	23.32	252	1161140	42.51	ng		98
90) Dibenzo(a,h)anthracene	25.67	278	1161314	41.01	ng		99
91) Benzo(g,h,i)perylene	26.35	276	1112345	40.73	ng		99

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

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