Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016919.D
Acq On : 7 May 2015 12:32
Operator : TP/IZ
Sample : PB83129BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83129BS

Manual Integrations APPROVED
apatel
5/8/2015 5:08:04 PM

Quant Time: May 08 03:27:42 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 02:05:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	88708	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	380573	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	247195	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	555953	20.00	ng		0.00
75) Chrysene-d12	21.36	240	579704	20.00	ng		0.00
86) Perylene-d12	23.67	264	579401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	546757	107.32	ng		0.01
7) Phenol-d6	6.97	99	712273	97.86	ng		0.01
23) Nitrobenzene-d5	8.96	82	460406	59.10	ng		0.00
41) 2,4,6-Tribromophenol	15.92	330	258166	104.03	ng		0.00
44) 2-Fluorobiphenyl	13.06	172	914087	55.80	ng		0.00
78) Terphenyl-d14	19.81	244	1432272	57.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	59936	28.07	ng	#	2
3) Pyridine	3.68	79	162588	24.63	ng		97
4) n-Nitrosodimethylamine	3.60	42	118889	30.17	ng		97
6) Aniline	7.12	93	181604	17.77	ng		98
8) 2-Chlorophenol	7.36	128	184858	31.32	ng		95
9) Benzaldehyde	6.94	77	48669	8.05	ng		98
10) Phenol	6.99	94	253273	32.45	ng		97
11) bis(2-Chloroethyl)ether	7.23	93	180761	29.95	ng		96
12) 1,3-Dichlorobenzene	7.69	146	185278	28.47	ng		99
13) 1,4-Dichlorobenzene	7.83	146	186775	28.33	ng		98
14) 1,2-Dichlorobenzene	8.15	146	178297	28.18	ng		95
15) Benzyl Alcohol	8.03	79	194667	29.28	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.33	45	320846	28.72	ng		99
17) 2-Methylphenol	8.24	107	171490	31.20	ng		99
18) Hexachloroethane	8.87	117	75863	28.00	ng		97
19) n-Nitroso-di-n-propylamine	8.60	70	169016	26.48	ng		96
20) 3+4-Methylphenols	8.56	107	227407	30.02	ng		94
22) Acetophenone	8.62	105	277381	30.60	ng	#	98
24) Nitrobenzene	9.00	77	236427	30.05	ng		96
25) Isophorone	9.52	82	442468	28.13	ng		99
26) 2-Nitrophenol	9.71	139	97047	30.30	ng		99
27) 2,4-Dimethylphenol	9.77	122	187109	32.28	ng		99
28) bis(2-Chloroethoxy)methane	10.01	93	233396	29.40	ng		95
29) 2,4-Dichlorophenol	10.24	162	174187	31.81	ng		98
30) 1,2,4-Trichlorobenzene	10.45	180	169672	29.22	ng		94
31) Naphthalene	10.64	128	544938	28.79	ng		100
32) Benzoic acid	9.90	122	124721	38.30	ng	#	83
33) 4-Chloroaniline	10.75	127	113568	12.99	ng		98
34) Hexachlorobutadiene	10.93	225	99011	27.24	ng		95
35) Caprolactam	11.52	113	86549m	30.42	ng		
36) 4-Chloro-3-methylphenol	11.87	107	228917	32.64	ng		94
37) 2-Methylnaphthalene	12.25	142	413087	28.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	184276	27.58	ng	#	100
40) Hexachlorocyclopentadiene	12.61	237	245106	56.80	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	140147	29.59	ng		93
43) 2,4,5-Trichlorophenol	12.93	196	153668	30.57	ng		98
45) 1,1'-Biphenyl	13.27	154	520289	29.40	ng		98
46) 2-Chloronaphthalene	13.31	162	403701	28.80	ng		98
47) 2-Nitroaniline	13.52	65	169177	34.67	ng		97
48) Acenaphthylene	14.16	152	690061	28.27	ng		99
49) Dimethylphthalate	13.90	163	546617	29.61	ng		98
50) 2,6-Dinitrotoluene	14.02	165	126138	32.91	ng		90
51) Acenaphthene	14.50	154	415641	28.61	ng		96
52) 3-Nitroaniline	14.34	138	92568	21.23	ng		95
53) 2,4-Dinitrophenol	14.55	184	131960	75.28	ng		85
54) Dibenzofuran	14.84	168	629617	30.52	ng		98
55) 4-Nitrophenol	14.65	139	250715	67.82	ng		93
56) 2,4-Dinitrotoluene	14.80	165	177530	36.21	ng		99
57) Fluorene	15.48	166	544731	29.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.06	232	140365	32.36	ng	#	77
59) Diethylphthalate	15.27	149	586479	30.10	ng		100
60) 4-Chlorophenyl-phenylether	15.48	204	269947	29.42	ng		96
61) 4-Nitroaniline	15.51	138	157281	31.11	ng		94
62) Azobenzene	15.77	77	652897	32.35	ng		96
64) 4,6-Dinitro-2-methylphenol	15.56	198	94017	34.11	ng		91
65) n-Nitrosodiphenylamine	15.70	169	481944	28.40	ng		98
66) 4-Bromophenyl-phenylether	16.38	248	162954	29.20	ng		99
67) Hexachlorobenzene	16.49	284	172366	29.29	ng		98
68) Atrazine	16.65	200	187016	30.62	ng		97
69) Pentachlorophenol	16.83	266	237503	62.17	ng		95
70) Phenanthrene	17.22	178	832133	29.09	ng		100
71) Anthracene	17.31	178	852159	29.52	ng		98
72) Carbazole	17.58	167	839125	30.58	ng		99
73) Di-n-butylphthalate	18.15	149	1062781	29.88	ng		99
74) Fluoranthene	19.24	202	968194	29.17	ng		97
76) Benzidine	19.43	184	377428	19.16	ng		98
77) Pyrene	19.60	202	1003211	29.32	ng		99
79) Butylbenzylphthalate	20.50	149	494192	30.39	ng		97
80) Benzo(a)anthracene	21.35	228	928207	29.85	ng		98
81) 3,3'-Dichlorobenzidine	21.28	252	244678	20.15	ng		100
82) Chrysene	21.40	228	879648	30.20	ng		99
83) Bis(2-ethylhexyl)phthalate	21.28	149	675563	30.37	ng		99
84) Di-n-octyl phthalate	22.18	149	1138177	30.46	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.04	276	1035444	29.83	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	946979	29.34	ng		98
88) Benzo(k)fluoranthene	23.02	252	879857	28.34	ng		98
89) Benzo(a)pyrene	23.57	252	894043	29.70	ng		99
90) Dibenzo(a,h)anthracene	26.05	278	876942	28.52	ng		95
91) Benzo(g,h,i)perylene	26.76	276	849704	29.02	ng		98

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

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