Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
Data File : BG016906.D
Acq On : 6 May 2015 19:03
Operator : TP/IZ
Sample : PB83058BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83058BSD

Quant Time: May 07 05:06:48 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 03:57:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	73787	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	320817	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	214391	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	472314	20.00	ng		0.00
75) Chrysene-d12	21.36	240	475115	20.00	ng		0.00
86) Perylene-d12	23.66	264	460414	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	514448	121.40	ng		0.00
7) Phenol-d6	6.97	99	703948	116.27	ng		0.00
23) Nitrobenzene-d5	8.96	82	449841	68.50	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	253523	117.79	ng		0.00
44) 2-Fluorobiphenyl	13.06	172	910691	64.10	ng		0.00
78) Terphenyl-d14	19.81	244	1404400	69.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	50958	28.69	ng	#	6
3) Pyridine	3.68	79	159109	28.98	ng		98
4) n-Nitrosodimethylamine	3.61	42	109853	33.52	ng	#	95
6) Aniline	7.13	93	190019	22.35	ng		98
8) 2-Chlorophenol	7.37	128	177321	36.12	ng		99
9) Benzaldehyde	6.94	77	71124	14.56	ng		95
10) Phenol	7.00	94	244156	37.61	ng		98
11) bis(2-Chloroethyl)ether	7.23	93	171040	34.07	ng		96
12) 1,3-Dichlorobenzene	7.69	146	173400	32.03	ng		96
13) 1,4-Dichlorobenzene	7.84	146	177545	32.38	ng		95
14) 1,2-Dichlorobenzene	8.15	146	164025	31.17	ng	#	87
15) Benzyl Alcohol	8.04	79	186730	33.77	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	310796	33.45	ng		99
17) 2-Methylphenol	8.24	107	169010	36.97	ng		96
18) Hexachloroethane	8.88	117	72647	32.23	ng		93
19) n-Nitroso-di-n-propylamine	8.61	70	165518	31.18	ng		94
20) 3+4-Methylphenols	8.56	107	227598	36.13	ng		95
22) Acetophenone	8.62	105	265406	34.73	ng	#	96
24) Nitrobenzene	9.00	77	227495	34.30	ng		97
25) Isophorone	9.52	82	428589	32.32	ng		99
26) 2-Nitrophenol	9.70	139	94514	35.00	ng		98
27) 2,4-Dimethylphenol	9.77	122	182530	37.35	ng		95
28) bis(2-Chloroethoxy)methane	10.01	93	231567	34.60	ng		98
29) 2,4-Dichlorophenol	10.24	162	173836	37.65	ng		97
30) 1,2,4-Trichlorobenzene	10.46	180	159408	32.56	ng		96
31) Naphthalene	10.64	128	521980	32.71	ng		99
32) Benzoic acid	9.89	122	118456	41.96	ng		97
33) 4-Chloroaniline	10.75	127	127447	17.29	ng		96
34) Hexachlorobutadiene	10.93	225	97233	31.73	ng		99
35) Caprolactam	11.52	113	86361m	36.01	ng		
36) 4-Chloro-3-methylphenol	11.88	107	225460	38.14	ng		96
37) 2-Methylnaphthalene	12.25	142	402839	33.14	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	183057	31.59	ng	#	100
40) Hexachlorocyclopentadiene	12.61	237	239510	63.99	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	136645	33.27	ng		91
43) 2,4,5-Trichlorophenol	12.94	196	152086	34.89	ng		96
45) 1,1'-Biphenyl	13.27	154	514272	33.50	ng		99
46) 2-Chloronaphthalene	13.31	162	400265	32.92	ng		96
47) 2-Nitroaniline	13.52	65	164841	38.95	ng		98
48) Acenaphthylene	14.16	152	692460	32.71	ng		100
49) Dimethylphthalate	13.90	163	539571	33.70	ng		99
50) 2,6-Dinitrotoluene	14.02	165	120617	36.29	ng	#	83
51) Acenaphthene	14.51	154	413023	32.78	ng		97
52) 3-Nitroaniline	14.34	138	96166	25.43	ng		93
53) 2,4-Dinitrophenol	14.55	184	128506	84.53	ng	#	85
54) Dibenzofuran	14.84	168	622413	34.79	ng		96
55) 4-Nitrophenol	14.65	139	243290	75.88	ng		96
56) 2,4-Dinitrotoluene	14.80	165	172128	40.48	ng		94
57) Fluorene	15.49	166	542512	34.25	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	135139	35.92	ng	#	76
59) Diethylphthalate	15.27	149	586144	34.68	ng		98
60) 4-Chlorophenyl-phenylether	15.49	204	266850	33.53	ng		97
61) 4-Nitroaniline	15.51	138	147917	33.74	ng		96
62) Azobenzene	15.77	77	652999	37.31	ng		96
64) 4,6-Dinitro-2-methylphenol	15.56	198	88181	37.65	ng		94
65) n-Nitrosodiphenylamine	15.70	169	476974	33.08	ng		97
66) 4-Bromophenyl-phenylether	16.38	248	161411	34.05	ng		99
67) Hexachlorobenzene	16.49	284	173220	34.65	ng		97
68) Atrazine	16.65	200	186990	36.04	ng		98
69) Pentachlorophenol	16.83	266	233820	72.04	ng		99
70) Phenanthrene	17.23	178	806185	33.17	ng		99
71) Anthracene	17.31	178	836703	34.12	ng		98
72) Carbazole	17.58	167	803143	34.45	ng		99
73) Di-n-butylphthalate	18.15	149	1036184	34.29	ng		100
74) Fluoranthene	19.24	202	942302	33.41	ng		99
76) Benzidine	19.43	184	328092	20.32	ng		98
77) Pyrene	19.61	202	961485	34.29	ng		99
79) Butylbenzylphthalate	20.50	149	465476	34.93	ng		96
80) Benzo(a)anthracene	21.34	228	880601	34.55	ng		100
81) 3,3'-Dichlorobenzidine	21.28	252	236355	23.75	ng	#	97
82) Chrysene	21.40	228	833577	34.92	ng		97
83) Bis(2-ethylhexyl)phthalate	21.28	149	646320	35.45	ng		98
84) Di-n-octyl phthalate	22.18	149	1087462	35.51	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.03	276	987658	34.72	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	902469	35.19	ng		98
88) Benzo(k)fluoranthene	23.01	252	863743	35.01	ng		98
89) Benzo(a)pyrene	23.57	252	858589	35.90	ng		98
90) Dibenzo(a,h)anthracene	26.04	278	847997	34.71	ng		98
91) Benzo(g,h,i)perylene	26.76	276	802888	34.51	ng		98

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

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