Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016995.D
Acq On : 9 May 2015 18:38
Operator : TP/IZ
Sample : PB83287BSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: May 11 02:43:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB83287BSD

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51741	20.00	ng		-0.02
21) Naphthalene-d8	10.58	136	230805	20.00	ng		-0.02
38) Acenaphthene-d10	14.43	164	150074	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	354697	20.00	ng		-0.02
75) Chrysene-d12	21.35	240	370725	20.00	ng		-0.02
86) Perylene-d12	23.64	264	365772	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	331958	111.71	ng		-0.02
7) Phenol-d6	6.96	99	471831	111.14	ng		0.00
23) Nitrobenzene-d5	8.95	82	523928	110.90	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	174047	115.52	ng		-0.02
44) 2-Fluorobiphenyl	13.05	172	1063077	106.89	ng		-0.02
78) Terphenyl-d14	19.80	244	1832766	115.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	44538	35.76	ng	#	1
3) Pyridine	3.67	79	140549	36.51	ng		97
4) n-Nitrosodimethylamine	3.59	42	97978	42.63	ng		95
6) Aniline	7.12	93	154982	26.00	ng		96
8) 2-Chlorophenol	7.36	128	165628	48.11	ng		96
9) Benzaldehyde	6.93	77	94943	30.19	ng		96
10) Phenol	6.99	94	226172	49.68	ng		98
11) bis(2-Chloroethyl)ether	7.22	93	154313	43.84	ng		97
12) 1,3-Dichlorobenzene	7.67	146	155859	41.06	ng		96
13) 1,4-Dichlorobenzene	7.83	146	158262	41.16	ng		99
14) 1,2-Dichlorobenzene	8.14	146	151960	41.18	ng		96
15) Benzyl Alcohol	8.03	79	171533	44.24	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.33	45	270923	41.58	ng		99
17) 2-Methylphenol	8.23	107	146975	45.85	ng		97
18) Hexachloroethane	8.87	117	65357	41.35	ng		94
19) n-Nitroso-di-n-propylamine	8.59	70	142490	38.28	ng		93
20) 3+4-Methylphenols	8.56	107	205111	46.43	ng		96
22) Acetophenone	8.61	105	239439	43.55	ng		98
24) Nitrobenzene	8.99	77	209246	43.86	ng		99
25) Isophorone	9.51	82	387185	40.59	ng		99
26) 2-Nitrophenol	9.70	139	91768	47.24	ng		96
27) 2,4-Dimethylphenol	9.76	122	170589	48.52	ng		95
28) bis(2-Chloroethoxy)methane	10.00	93	204612	42.49	ng		96
29) 2,4-Dichlorophenol	10.23	162	161787	48.71	ng		96
30) 1,2,4-Trichlorobenzene	10.45	180	151540	43.03	ng		96
31) Naphthalene	10.63	128	486990	42.42	ng		99
32) Benzoic acid	9.88	122	114392	52.27	ng		96
33) 4-Chloroaniline	10.74	127	72001	13.58	ng		94
34) Hexachlorobutadiene	10.92	225	90439	41.03	ng		94
35) Caprolactam	11.52	113	77371m	44.84	ng		
36) 4-Chloro-3-methylphenol	11.87	107	205537	48.33	ng		98
37) 2-Methylnaphthalene	12.25	142	367394	42.02	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	166851	41.13	ng	#	100
40) Hexachlorocyclopentadiene	12.60	237	229036	87.42	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	128995	44.87	ng		94
43) 2,4,5-Trichlorophenol	12.93	196	143129	46.90	ng		98
45) 1,1'-Biphenyl	13.26	154	467848	43.54	ng		98
46) 2-Chloronaphthalene	13.30	162	376184	44.20	ng		98
47) 2-Nitroaniline	13.51	65	160354	54.13	ng		98
48) Acenaphthylene	14.15	152	643471	43.42	ng		99
49) Dimethylphthalate	13.89	163	492750	43.97	ng		99
50) 2,6-Dinitrotoluene	14.01	165	117273	50.40	ng		94
51) Acenaphthene	14.50	154	379486	43.02	ng		99
52) 3-Nitroaniline	14.34	138	80652	30.47	ng	#	96
53) 2,4-Dinitrophenol	14.54	184	113329	106.49	ng		95
54) Dibenzofuran	14.83	168	576582	46.04	ng		97
55) 4-Nitrophenol	14.65	139	244547	108.96	ng		94
56) 2,4-Dinitrotoluene	14.79	165	168438	56.59	ng		100
57) Fluorene	15.48	166	496544	44.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.05	232	126973	48.22	ng	#	77
59) Diethylphthalate	15.25	149	538808	45.55	ng		99
60) 4-Chlorophenyl-phenylether	15.47	204	251843	45.20	ng		99
61) 4-Nitroaniline	15.50	138	154262	50.27	ng		96
62) Azobenzene	15.77	77	587878	47.98	ng		97
64) 4,6-Dinitro-2-methylphenol	15.55	198	90767	51.61	ng		92
65) n-Nitrosodiphenylamine	15.69	169	446369	41.23	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	152611	42.87	ng		95
67) Hexachlorobenzene	16.48	284	163309	43.50	ng		99
68) Atrazine	16.64	200	181539	46.59	ng		99
69) Pentachlorophenol	16.82	266	226065	92.75	ng		95
70) Phenanthrene	17.22	178	791780	43.38	ng		99
71) Anthracene	17.30	178	819071	44.48	ng		98
72) Carbazole	17.58	167	808325	46.17	ng		99
73) Di-n-butylphthalate	18.14	149	1040597	45.85	ng		99
74) Fluoranthene	19.23	202	981385	46.34	ng		99
76) Benzidine	19.41	184	299996	23.82	ng		97
77) Pyrene	19.59	202	1014011	46.34	ng		100
79) Butylbenzylphthalate	20.49	149	481923	46.34	ng		98
80) Benzo(a)anthracene	21.33	228	915366	46.03	ng		98
81) 3,3'-Dichlorobenzidine	21.27	252	189977	24.46	ng		96
82) Chrysene	21.38	228	859190	46.12	ng		99
83) Bis(2-ethylhexyl)phthalate	21.26	149	637180	44.79	ng		99
84) Di-n-octyl phthalate	22.15	149	1071310	44.83	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.01	276	1013340	45.65	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	893905	43.87	ng		97
88) Benzo(k)fluoranthene	22.99	252	883136	45.05	ng		98
89) Benzo(a)pyrene	23.54	252	872757	45.93	ng		99
90) Dibenzo(a,h)anthracene	26.02	278	871628	44.91	ng		96
91) Benzo(g,h,i)perylene	26.72	276	826879	44.74	ng		97

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

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