Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016362.D
Acq On : 13 Apr 2015 16:07
Operator : TP/IZ
Sample : G1822-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5-025MSD

Quant Time: Apr 14 02:27:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 02:12:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	84258	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	382508	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	219408	20.00	ng		0.00
63) Phenanthrene-d10	17.06	188	455411	20.00	ng		0.00
75) Chrysene-d12	21.24	240	421494	20.00	ng		0.00
86) Perylene-d12	23.47	264	403175	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	4784	0.90	ng		0.01
7) Phenol-d6	6.86	99	6686	0.83	ng		0.00
23) Nitrobenzene-d5	8.83	82	3397	0.51	ng		0.00
41) 2,4,6-Tribromophenol	15.81	330	1711	1.15	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	8103	0.63	ng		0.00
78) Terphenyl-d14	19.69	244	14203	0.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	61980	25.54	ng		100
3) Pyridine	3.55	79	167297	23.06	ng		96
4) n-Nitrosodimethylamine	3.46	42	53696	24.90	ng		94
6) Aniline	7.01	93	211603	18.49	ng		96
8) 2-Chlorophenol	7.25	128	187216	29.20	ng		95
9) Benzaldehyde	6.82	77	53213	11.34	ng		97
10) Phenol	6.89	94	260672	30.40	ng		98
11) bis(2-Chloroethyl)ether	7.11	93	176059	25.75	ng		98
12) 1,3-Dichlorobenzene	7.56	146	172030	26.57	ng		96
13) 1,4-Dichlorobenzene	7.71	146	176891	26.34	ng		97
14) 1,2-Dichlorobenzene	8.03	146	172648	26.88	ng		97
15) Benzyl Alcohol	7.92	79	144570	25.88	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	193637	25.14	ng		96
17) 2-Methylphenol	8.13	107	158756	27.61	ng		99
18) Hexachloroethane	8.75	117	64993	25.30	ng		97
19) n-Nitroso-di-n-propylamine	8.48	70	129876	22.62	ng		97
20) 3+4-Methylphenols	8.46	107	209441	26.30	ng		96
22) Acetophenone	8.49	105	240601	27.13	ng	#	99
24) Nitrobenzene	8.87	77	179844	25.47	ng		96
25) Isophorone	9.39	82	356083	24.28	ng		99
26) 2-Nitrophenol	9.59	139	102751	31.21	ng		94
27) 2,4-Dimethylphenol	9.65	122	174887	28.51	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	216226	25.83	ng		99
29) 2,4-Dichlorophenol	10.12	162	153282	31.59	ng		97
30) 1,2,4-Trichlorobenzene	10.33	180	143852	28.39	ng		98
31) Naphthalene	10.51	128	535947	26.89	ng		99
32) Benzoic acid	9.73	122	16896	12.19	ng		93
33) 4-Chloroaniline	10.63	127	202462	21.65	ng		96
34) Hexachlorobutadiene	10.80	225	62873	28.25	ng		96
35) Caprolactam	11.38	113	87071	28.50	ng		94
36) 4-Chloro-3-methylphenol	11.77	107	181537	28.32	ng		98
37) 2-Methylnaphthalene	12.13	142	384881	26.84	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	133366	27.61	ng		99
40) Hexachlorocyclopentadiene	12.48	237	111901	50.61	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	105771	29.47	ng	96
43) 2,4,5-Trichlorophenol	12.82	196	116675	30.42	ng	95
45) 1,1'-Biphenyl	13.15	154	464048	27.57	ng	98
46) 2-Chloronaphthalene	13.19	162	347343	27.09	ng	99
47) 2-Nitroaniline	13.40	65	109033	26.38	ng	94
48) Acenaphthylene	14.04	152	591494	25.94	ng	100
49) Dimethylphthalate	13.78	163	454820	28.28	ng	100
50) 2,6-Dinitrotoluene	13.90	165	107057	27.53	ng	93
51) Acenaphthene	14.38	154	360259	26.44	ng	98
52) 3-Nitroaniline	14.23	138	119916	24.14	ng	90
53) 2,4-Dinitrophenol	14.44	184	112804	53.21	ng	97
54) Dibenzofuran	14.71	168	525119	27.78	ng	98
55) 4-Nitrophenol	14.56	139	245051	59.70	ng	98
56) 2,4-Dinitrotoluene	14.69	165	151998	28.69	ng	90
57) Fluorene	15.37	166	449932	26.98	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.95	232	91326	30.86	ng	93
59) Diethylphthalate	15.14	149	461215	26.95	ng	100
60) 4-Chlorophenyl-phenylether	15.36	204	184534	27.05	ng	95
61) 4-Nitroaniline	15.40	138	153496	27.23	ng	95
62) Azobenzene	15.65	77	480221	26.36	ng	98
64) 4,6-Dinitro-2-methylphenol	15.45	198	84966	28.25	ng	98
65) n-Nitrosodiphenylamine	15.58	169	405874	26.36	ng	99
66) 4-Bromophenyl-phenylether	16.25	248	99024	27.23	ng	96
67) Hexachlorobenzene	16.37	284	101405	26.83	ng	99
68) Atrazine	16.53	200	133759	31.17	ng	99
69) Pentachlorophenol	16.72	266	127838	55.40	ng	97
70) Phenanthrene	17.10	178	686370	26.80	ng	99
71) Anthracene	17.19	178	697050	27.46	ng	99
72) Carbazole	17.46	167	742559	29.15	ng	99
73) Di-n-butylphthalate	18.03	149	879769	28.22	ng	99
74) Fluoranthene	19.12	202	786665	29.80	ng	98
76) Benzidine	19.30	184	335229	18.75	ng	98
77) Pyrene	19.48	202	815731	27.79	ng	100
79) Butylbenzylphthalate	20.38	149	414400	28.74	ng	95
80) Benzo(a)anthracene	21.22	228	700388	28.12	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	197526	24.11	ng	98
82) Chrysene	21.28	228	666872	27.73	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	579378	29.68	ng	98
84) Di-n-octyl phthalate	22.02	149	987295	31.04	ng	98
85) Indeno(1,2,3-cd)pyrene	25.75	276	720233	28.83	ng	98
87) Benzo(b)fluoranthene	22.80	252	688786	29.17	ng	98
88) Benzo(k)fluoranthene	22.84	252	617555	26.72	ng	99
89) Benzo(a)pyrene	23.38	252	642523	29.03	ng	98
90) Dibenzo(a,h)anthracene	25.76	278	594472	27.60	ng	98
91) Benzo(g,h,i)perylene	26.44	276	605879	28.17	ng	96

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

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