Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032063.D
Acq On : 16 Jan 2018 11:05
Operator : SJ/JU
Sample : PB105650BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105650BS

Quant Time: Jan 16 12:19:06 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	48355	20.00	ng		-0.01
21) Naphthalene-d8	11.65	136	194447	20.00	ng		-0.01
38) Acenaphthene-d10	15.40	164	135876	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	365305	20.00	ng		0.00
75) Chrysene-d12	22.47	240	441454	20.00	ng		-0.01
86) Perylene-d12	26.18	264	480132	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	365820	138.36	ng		0.00
7) Phenol-d6	7.88	99	454596	136.52	ng		0.00
23) Nitrobenzene-d5	9.97	82	261423	90.96	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	315503	140.32	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	923994	84.32	ng		0.00
78) Terphenyl-d14	20.66	244	1794791	89.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	36751	36.182	ng	#	73
3) Pyridine	4.30	79	94865	34.990	ng	#	78
4) n-Nitrosodimethylamine	4.20	42	46441	48.757	ng	#	88
6) Aniline	8.06	93	49427	11.768	ng		96
8) 2-Chlorophenol	8.31	128	130934	44.257	ng		82
9) Benzaldehyde	7.86	77	17319	8.977	ng		91
10) Phenol	7.90	94	150613	45.917	ng		96
11) bis(2-Chloroethyl)ether	8.15	93	104201	39.652	ng	#	83
12) 1,3-Dichlorobenzene	8.65	146	150986	38.994	ng		95
13) 1,4-Dichlorobenzene	8.80	146	153073	39.263	ng		96
14) 1,2-Dichlorobenzene	9.13	146	145020	38.459	ng		98
15) Benzyl Alcohol	9.00	79	111916	46.266	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.30	45	105338	39.443	ng		77
17) 2-Methylphenol	9.20	107	106650	42.545	ng		98
18) Hexachloroethane	9.89	117	49812	41.573	ng		89
19) n-Nitroso-di-n-propylamine	9.58	70	82049	39.714	ng	#	87
20) 3+4-Methylphenols	9.53	107	146518	42.192	ng		96
22) Acetophenone	9.61	105	187608	42.475	ng	#	88
24) Nitrobenzene	10.01	77	123452	43.061	ng	#	77
25) Isophorone	10.53	82	232950	43.528	ng	#	84
26) 2-Nitrophenol	10.73	139	76127	44.814	ng	#	85
27) 2,4-Dimethylphenol	10.77	122	134399	49.857	ng		90
28) bis(2-Chloroethoxy)methane	11.01	93	145210	45.035	ng		93
29) 2,4-Dichlorophenol	11.28	162	162882	49.106	ng		87
30) 1,2,4-Trichlorobenzene	11.50	180	175807	41.040	ng		99
31) Naphthalene	11.70	128	395812	41.092	ng		99
32) Benzoic acid	10.88	122	88353	41.639	ng	#	82
33) 4-Chloroaniline	11.79	127	48313	11.696	ng		95
34) Hexachlorobutadiene	11.97	225	125857	40.905	ng		98
35) Caprolactam	12.55	113	51386	51.065	ng	#	42
36) 4-Chloro-3-methylphenol	12.86	107	147762	48.668	ng	#	83
37) 2-Methylnaphthalene	13.26	142	329475	43.083	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	244441	41.271	ng		97
40) Hexachlorocyclopentadiene	13.59	237	319744	95.848	ng		91

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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	13.85	196	155893	46.844	ng		99
43) 2,4,5-Trichlorophenol	13.92	196	170886	44.362	ng	#	92
45) 1,1'-Biphenyl	14.24	154	478262	41.059	ng		96
46) 2-Chloronaphthalene	14.29	162	368055	40.617	ng		96
47) 2-Nitroaniline	14.47	65	82783	47.721	ng	#	74
48) Acenaphthylene	15.13	152	549623	39.830	ng		99
49) Dimethylphthalate	14.83	163	495643	41.685	ng		100
50) 2,6-Dinitrotoluene	14.96	165	112913	45.751	ng	#	73
51) Acenaphthene	15.47	154	414628	45.441	ng		95
52) 3-Nitroaniline	15.28	138	39414	17.682	ng	#	71
53) 2,4-Dinitrophenol	15.48	184	121171	96.318	ng	#	73
54) Dibenzofuran	15.80	168	584556	42.946	ng		99
55) 4-Nitrophenol	15.57	139	171586	105.626	ng	#	78
56) 2,4-Dinitrotoluene	15.74	165	162497	48.905	ng	#	62
57) Fluorene	16.44	166	477266	42.753	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.00	232	182738	51.281	ng	#	85
59) Diethylphthalate	16.17	149	492341	42.712	ng		97
60) 4-Chlorophenyl-phenylether	16.41	204	301281	43.995	ng		92
61) 4-Nitroaniline	16.44	138	87332	40.843	ng		91
62) Azobenzene	16.71	77	320828	44.468	ng		86
64) 4,6-Dinitro-2-methylphenol	16.49	198	92982	40.604	ng	#	66
65) n-Nitrosodiphenylamine	16.62	169	452541	40.825	ng		98
66) 4-Bromophenyl-phenylether	17.31	248	220521	42.427	ng		94
67) Hexachlorobenzene	17.44	284	222934	38.769	ng	#	91
68) Atrazine	17.55	200	213007	45.693	ng		99
69) Pentachlorophenol	17.77	266	310005	84.342	ng		97
70) Phenanthrene	18.18	178	842985	41.447	ng		98
71) Anthracene	18.26	178	871047	42.939	ng		99
72) Carbazole	18.52	167	758632	43.110	ng		99
73) Di-n-butylphthalate	19.03	149	871344	41.904	ng		99
74) Fluoranthene	20.13	202	1129102	44.339	ng		94
76) Benzidine	20.29	184	232672	21.077	ng		98
77) Pyrene	20.49	202	1135755	40.926	ng		97
79) Butylbenzylphthalate	21.35	149	400363	40.266	ng	#	76
80) Benzo(a)anthracene	22.45	228	1190036	43.346	ng		98
81) 3,3'-Dichlorobenzidine	22.34	252	192010	18.722	ng	#	98
82) Chrysene	22.52	228	1112680	42.201	ng		98
83) Bis(2-ethylhexyl)phthalate	22.29	149	572733	39.281	ng	#	98
84) Di-n-octyl phthalate	23.68	149	979379	42.292	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.50	276	1420322	44.018	ng	#	85
87) Benzo(b)fluoranthene	24.99	252	1270444	43.776	ng	#	96
88) Benzo(k)fluoranthene	25.07	252	1224179	43.168	ng	#	97
89) Benzo(a)pyrene	26.01	252	1214993	44.257	ng	#	95
90) Dibenzo(a,h)anthracene	30.58	278	1154358	43.635	ng	#	95
91) Benzo(g,h,i)perylene	31.85	276	1202327	44.466	ng	#	92

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

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