Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010918\
Data File : BG031965.D
Acq On : 10 Jan 2018 3:57
Operator : SJ/JU
Sample : PB105532TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105532TB

Quant Time: Jan 10 06:22:51 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	67562	20.00	ng		0.00
21) Naphthalene-d8	11.68	136	286065	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	190192	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	464253	20.00	ng		-0.01
75) Chrysene-d12	22.49	240	528908	20.00	ng		-0.03
86) Perylene-d12	26.22	264	551884	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	471177	127.02	ng		0.01
7) Phenol-d6	7.91	99	594779	123.50	ng		0.02
23) Nitrobenzene-d5	10.00	82	327105	86.35	ng		0.01
41) 2,4,6-Tribromophenol	16.89	330	368883	127.11	ng		-0.01
44) 2-Fluorobiphenyl	14.05	172	1141077	75.30	ng		0.00
78) Terphenyl-d14	20.68	244	1871351	80.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	43772	31.833	ng	#	73
3) Pyridine	4.32	79	117273	31.907	ng	#	82
4) n-Nitrosodimethylamine	4.22	42	53965	36.385	ng	#	89
6) Aniline	8.09	93	73341	11.836	ng	#	90
8) 2-Chlorophenol	8.34	128	172311	40.046	ng	#	80
9) Benzaldehyde	7.90	77	29132	10.046	ng	#	75
10) Phenol	7.94	94	196459	40.405	ng		89
11) bis(2-Chloroethyl)ether	8.18	93	134909	33.409	ng	#	81
12) 1,3-Dichlorobenzene	8.68	146	190914	35.729	ng	#	93
13) 1,4-Dichlorobenzene	8.84	146	195164	35.755	ng		91
14) 1,2-Dichlorobenzene	9.17	146	182953	35.374	ng		96
15) Benzyl Alcohol	9.03	79	137557	38.048	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.32	45	140371	42.686	ng		78
17) 2-Methylphenol	9.24	107	140461	40.374	ng		97
18) Hexachloroethane	9.92	117	61257	37.054	ng	#	85
19) n-Nitroso-di-n-propylamine	9.61	70	104345	31.725	ng	#	83
20) 3+4-Methylphenols	9.56	107	193461	39.126	ng		94
22) Acetophenone	9.64	105	236015	35.512	ng	#	87
24) Nitrobenzene	10.04	77	154171	39.486	ng	#	83
25) Isophorone	10.56	82	294616	36.126	ng	#	86
26) 2-Nitrophenol	10.76	139	101548	49.605	ng	#	79
27) 2,4-Dimethylphenol	10.80	122	179540	41.678	ng		92
28) bis(2-Chloroethoxy)methane	11.05	93	192325	35.147	ng	#	96
29) 2,4-Dichlorophenol	11.30	162	207698	41.070	ng		89
30) 1,2,4-Trichlorobenzene	11.53	180	223247	36.155	ng		96
31) Naphthalene	11.73	128	515527	35.709	ng		98
32) Benzoic acid	10.92	122	114647	40.279	ng	#	80
33) 4-Chloroaniline	11.82	127	65714	10.224	ng	#	93
34) Hexachlorobutadiene	12.00	225	153011	36.095	ng		93
35) Caprolactam	12.58	113	63366	41.337	ng	#	45
36) 4-Chloro-3-methylphenol	12.89	107	184568	39.517	ng	#	85
37) 2-Methylnaphthalene	13.28	142	425687	36.372	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	301250	37.604	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	405741	96.007	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.87	196	191783	41.522	ng		99
43) 2,4,5-Trichlorophenol	13.94	196	208499	40.733	ng	#	92
45) 1,1'-Biphenyl	14.26	154	609679	37.532	ng		95
46) 2-Chloronaphthalene	14.31	162	461320	37.232	ng		96
47) 2-Nitroaniline	14.50	65	100884	47.144	ng	#	62
48) Acenaphthylene	15.15	152	686864	34.651	ng		98
49) Dimethylphthalate	14.85	163	600103	35.816	ng		99
50) 2,6-Dinitrotoluene	14.98	165	135667	44.015	ng	#	65
51) Acenaphthene	15.48	154	513921	39.587	ng		99
52) 3-Nitroaniline	15.30	138	54744	18.204	ng	#	70
53) 2,4-Dinitrophenol	15.50	184	147307	109.396	ng	#	66
54) Dibenzofuran	15.81	168	725757	36.469	ng		98
55) 4-Nitrophenol	15.59	139	208768	85.296	ng	#	75
56) 2,4-Dinitrotoluene	15.75	165	190246	48.000	ng	#	65
57) Fluorene	16.46	166	578255	35.769	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.02	232	209556	41.962	ng	#	86
59) Diethylphthalate	16.19	149	575799	35.259	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	352176	35.603	ng		91
61) 4-Nitroaniline	16.46	138	109926	37.459	ng		83
62) Azobenzene	16.73	77	376983	35.995	ng		82
64) 4,6-Dinitro-2-methylphenol	16.51	198	104011	46.390	ng	#	67
65) n-Nitrosodiphenylamine	16.64	169	534850	34.688	ng		99
66) 4-Bromophenyl-phenylether	17.33	248	253153	37.709	ng		93
67) Hexachlorobenzene	17.45	284	262571	38.260	ng	#	91
68) Atrazine	17.57	200	234335	39.085	ng		98
69) Pentachlorophenol	17.78	266	355926	75.402	ng		98
70) Phenanthrene	18.19	178	962860	36.648	ng		99
71) Anthracene	18.28	178	988439	37.295	ng		99
72) Carbazole	18.54	167	863009	36.790	ng		99
73) Di-n-butylphthalate	19.05	149	941673	36.122	ng		99
74) Fluoranthene	20.15	202	1213291	37.636	ng		95
76) Benzidine	20.30	184	195725	11.989	ng		97
77) Pyrene	20.50	202	1220994	36.140	ng		97
79) Butylbenzylphthalate	21.37	149	430659	37.972	ng	#	76
80) Benzo(a)anthracene	22.47	228	1235944	36.735	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	196216	15.042	ng	#	95
82) Chrysene	22.54	228	1156836	36.340	ng		98
83) Bis(2-ethylhexyl)phthalate	22.31	149	586453	35.691	ng	#	96
84) Di-n-octyl phthalate	23.70	149	979797	35.406	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.55	276	1487632	36.427	ng	#	89
87) Benzo(b)fluoranthene	25.02	252	1274187	37.194	ng	#	97
88) Benzo(k)fluoranthene	25.10	252	1254613	36.595	ng	#	97
89) Benzo(a)pyrene	26.05	252	1241666	37.845	ng	#	96
90) Dibenzo(a,h)anthracene	30.63	278	1224680	36.142	ng	#	96
91) Benzo(g,h,i)perylene	30.55	276	1487632	37.184	ng	#	93

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

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