Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032107.D
Acq On : 17 Jan 2018 19:13
Operator : SJ/JU
Sample : PB105719BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105719BS

Quant Time: Jan 18 05:17:18 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	8.75	152	48288	20.00	ng		-0.03
21) Naphthalene-d8	11.63	136	190351	20.00	ng		-0.03
38) Acenaphthene-d10	15.38	164	136985	20.00	ng		-0.02
63) Phenanthrene-d10	18.11	188	363209	20.00	ng		-0.03
75) Chrysene-d12	22.45	240	451354	20.00	ng		-0.03
86) Perylene-d12	26.15	264	490568	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	351788	133.24	ng		-0.02
7) Phenol-d6	7.85	99	448594	134.91	ng		-0.02
23) Nitrobenzene-d5	9.94	82	263851	93.78	ng		-0.03
41) 2,4,6-Tribromophenol	16.85	330	320595	141.43	ng		-0.02
44) 2-Fluorobiphenyl	14.00	172	906649	82.07	ng		-0.03
78) Terphenyl-d14	20.65	244	1770558	86.62	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	32882	32.418	ng	#	75
3) Pyridine	4.27	79	91107	33.650	ng	#	83
4) n-Nitrosodimethylamine	4.18	42	48055	50.521	ng	#	83
6) Aniline	8.04	93	82399	19.646	ng		95
8) 2-Chlorophenol	8.29	128	129717	43.906	ng		83
9) Benzaldehyde	7.84	77	15974	8.291	ng		86
10) Phenol	7.88	94	143668	43.861	ng		98
11) bis(2-Chloroethyl)ether	8.13	93	104044	39.647	ng	#	82
12) 1,3-Dichlorobenzene	8.63	146	151570	39.199	ng		95
13) 1,4-Dichlorobenzene	8.78	146	152116	39.072	ng		95
14) 1,2-Dichlorobenzene	9.11	146	147277	39.111	ng		96
15) Benzyl Alcohol	8.98	79	110664	45.812	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.27	45	107020	40.128	ng		80
17) 2-Methylphenol	9.18	107	104838	41.880	ng		98
18) Hexachloroethane	9.87	117	50759	42.422	ng		83
19) n-Nitroso-di-n-propylamine	9.56	70	82005	39.748	ng	#	88
20) 3+4-Methylphenols	9.52	107	143792	41.464	ng		99
22) Acetophenone	9.58	105	187323	43.324	ng	#	91
24) Nitrobenzene	9.99	77	126062	44.918	ng		89
25) Isophorone	10.51	82	235126	44.880	ng	#	84
26) 2-Nitrophenol	10.71	139	77130	46.382	ng	#	80
27) 2,4-Dimethylphenol	10.74	122	134216	50.860	ng		93
28) bis(2-Chloroethoxy)methane	10.99	93	144093	45.650	ng	#	94
29) 2,4-Dichlorophenol	11.25	162	161968	49.881	ng		88
30) 1,2,4-Trichlorobenzene	11.48	180	177187	42.252	ng		97
31) Naphthalene	11.68	128	386508	40.989	ng		99
32) Benzoic acid	10.84	122	63277	31.874	ng	#	80
33) 4-Chloroaniline	11.77	127	82861	20.492	ng		93
34) Hexachlorobutadiene	11.95	225	125271	41.591	ng		95
35) Caprolactam	12.53	113	54480	55.305	ng	#	50
36) 4-Chloro-3-methylphenol	12.85	107	147058	49.479	ng		86
37) 2-Methylnaphthalene	13.24	142	325693	43.505	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	247944	41.524	ng	#	96
40) Hexachlorocyclopentadiene	13.57	237	337817	100.446	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	156709	46.708	ng		99
43) 2,4,5-Trichlorophenol	13.90	196	169660	43.688	ng	#	91
45) 1,1'-Biphenyl	14.22	154	467007	39.768	ng		93
46) 2-Chloronaphthalene	14.27	162	357166	39.096	ng		93
47) 2-Nitroaniline	14.46	65	86453	49.433	ng	#	72
48) Acenaphthylene	15.11	152	540646	38.863	ng		98
49) Dimethylphthalate	14.81	163	501572	41.842	ng	#	99
50) 2,6-Dinitrotoluene	14.94	165	111870	44.961	ng	#	73
51) Acenaphthene	15.44	154	411934	44.781	ng		99
52) 3-Nitroaniline	15.27	138	62510	27.816	ng	#	76
53) 2,4-Dinitrophenol	15.47	184	126538	99.520	ng	#	60
54) Dibenzofuran	15.77	168	584119	42.566	ng		98
55) 4-Nitrophenol	15.55	139	185014	112.970	ng	#	80
56) 2,4-Dinitrotoluene	15.71	165	165739	49.476	ng	#	67
57) Fluorene	16.42	166	474165	42.131	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.98	232	188305	52.416	ng	#	86
59) Diethylphthalate	16.16	149	495816	42.665	ng		96
60) 4-Chlorophenyl-phenylether	16.40	204	301471	43.667	ng		92
61) 4-Nitroaniline	16.43	138	95790	44.435	ng		88
62) Azobenzene	16.69	77	324900	44.668	ng		87
64) 4,6-Dinitro-2-methylphenol	16.47	198	97332	42.491	ng	#	70
65) n-Nitrosodiphenylamine	16.61	169	447637	40.616	ng		100
66) 4-Bromophenyl-phenylether	17.29	248	218771	42.333	ng		93
67) Hexachlorobenzene	17.41	284	223619	39.112	ng	#	90
68) Atrazine	17.53	200	213739	46.115	ng		98
69) Pentachlorophenol	17.75	266	316566	86.624	ng		97
70) Phenanthrene	18.16	178	841055	41.591	ng		99
71) Anthracene	18.25	178	862521	42.764	ng		99
72) Carbazole	18.51	167	757070	43.270	ng		100
73) Di-n-butylphthalate	19.02	149	872133	42.184	ng		99
74) Fluoranthene	20.12	202	1107667	43.748	ng		95
76) Benzidine	20.28	184	470951	41.726	ng		99
77) Pyrene	20.47	202	1120646	39.496	ng		97
79) Butylbenzylphthalate	21.34	149	406539	39.990	ng	#	78
80) Benzo(a)anthracene	22.43	228	1199678	42.739	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	288230	27.488	ng	#	97
82) Chrysene	22.51	228	1124579	41.717	ng		97
83) Bis(2-ethylhexyl)phthalate	22.27	149	579386	38.865	ng	#	97
84) Di-n-octyl phthalate	23.65	149	996575	42.091	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.44	276	1491104	45.198	ng	#	87
87) Benzo(b)fluoranthene	24.96	252	1287934	43.435	ng	#	96
88) Benzo(k)fluoranthene	25.04	252	1209633	41.747	ng	#	96
89) Benzo(a)pyrene	25.97	252	1236843	44.094	ng	#	96
90) Dibenzo(a,h)anthracene	30.51	278	1244329	46.035	ng	#	94
91) Benzo(g,h,i)perylene	31.80	276	1237123	44.779	ng	#	91

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

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