Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032003.D
Acq On : 12 Jan 2018 15:36
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG011218

Quant Time: Jan 12 17:32:53 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	53022	20.00	ng		0.00
21) Naphthalene-d8	11.66	136	222975	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	150952	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	370701	20.00	ng		0.00
75) Chrysene-d12	22.48	240	411376	20.00	ng		0.00
86) Perylene-d12	26.21	264	451006	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	220016	75.89	ng		0.00
7) Phenol-d6	7.88	99	290502	79.56	ng		0.00
23) Nitrobenzene-d5	9.97	82	264188	80.16	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	200413	80.23	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	939803	77.20	ng		0.00
78) Terphenyl-d14	20.67	244	1432425	76.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	41127	36.926	ng	#	70
3) Pyridine	4.31	79	116381	39.147	ng	#	81
4) n-Nitrosodimethylamine	4.22	42	40868	39.129	ng	#	94
6) Aniline	8.06	93	181327	39.373	ng		93
8) 2-Chlorophenol	8.32	128	125206	38.596	ng	#	82
9) Benzaldehyde	7.87	77	85478	40.406	ng	#	78
10) Phenol	7.91	94	142344	39.576	ng		91
11) bis(2-Chloroethyl)ether	8.16	93	110162	38.231	ng	#	83
12) 1,3-Dichlorobenzene	8.66	146	163238	38.447	ng		94
13) 1,4-Dichlorobenzene	8.81	146	165106	38.622	ng		96
14) 1,2-Dichlorobenzene	9.14	146	161044	38.949	ng		94
15) Benzyl Alcohol	9.00	79	106303	40.077	ng		87
16) 2,2'-oxybis(1-Chloropropan	9.30	45	116533	39.794	ng		81
17) 2-Methylphenol	9.20	107	106108	38.603	ng		95
18) Hexachloroethane	9.90	117	52542	39.992	ng	#	84
19) n-Nitroso-di-n-propylamine	9.59	70	90152	39.795	ng	#	81
20) 3+4-Methylphenols	9.54	107	153923	40.423	ng		96
22) Acetophenone	9.62	105	200198	39.527	ng	#	88
24) Nitrobenzene	10.02	77	130824	39.794	ng	#	83
25) Isophorone	10.54	82	241892	39.416	ng	#	84
26) 2-Nitrophenol	10.74	139	80394	41.271	ng	#	82
27) 2,4-Dimethylphenol	10.77	122	122969	39.781	ng		91
28) bis(2-Chloroethoxy)methane	11.02	93	145983	39.482	ng	#	95
29) 2,4-Dichlorophenol	11.28	162	149336	39.262	ng		90
30) 1,2,4-Trichlorobenzene	11.51	180	193385	39.368	ng		95
31) Naphthalene	11.71	128	429171	38.854	ng		98
32) Benzoic acid	10.89	122	89678	37.460	ng	#	82
33) 4-Chloroaniline	11.80	127	188165	39.726	ng	#	91
34) Hexachlorobutadiene	11.98	225	135873	38.510	ng		92
35) Caprolactam	12.55	113	44382	38.462	ng	#	53
36) 4-Chloro-3-methylphenol	12.87	107	140102	40.241	ng		85
37) 2-Methylnaphthalene	13.27	142	342394	39.044	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	254620	38.696	ng	#	96
40) Hexachlorocyclopentadiene	13.60	237	150980	40.738	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	146133	39.526	ng		98
43) 2,4,5-Trichlorophenol	13.92	196	170614	39.868	ng	#	89
45) 1,1'-Biphenyl	14.25	154	501450	38.750	ng		94
46) 2-Chloronaphthalene	14.30	162	392091	38.948	ng		96
47) 2-Nitroaniline	14.49	65	79161	41.075	ng	#	61
48) Acenaphthylene	15.14	152	602439	39.298	ng		99
49) Dimethylphthalate	14.83	163	522921	39.587	ng	#	99
50) 2,6-Dinitrotoluene	14.96	165	113020	41.220	ng	#	67
51) Acenaphthene	15.47	154	401474	39.605	ng		97
52) 3-Nitroaniline	15.29	138	101994	41.186	ng	#	73
53) 2,4-Dinitrophenol	15.49	184	48809	39.362	ng	#	61
54) Dibenzofuran	15.80	168	583704	38.600	ng		98
55) 4-Nitrophenol	15.57	139	74370	41.209	ng	#	71
56) 2,4-Dinitrotoluene	15.74	165	155204	42.045	ng	#	64
57) Fluorene	16.44	166	483598	38.993	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.01	232	157918	39.890	ng	#	86
59) Diethylphthalate	16.18	149	503524	39.319	ng		96
60) 4-Chlorophenyl-phenylether	16.42	204	293587	38.590	ng		92
61) 4-Nitroaniline	16.45	138	98922	41.642	ng	#	80
62) Azobenzene	16.71	77	312761	39.020	ng		84
64) 4,6-Dinitro-2-methylphenol	16.50	198	94265	40.570	ng	#	68
65) n-Nitrosodiphenylamine	16.63	169	442251	39.316	ng		99
66) 4-Bromophenyl-phenylether	17.31	248	207367	39.316	ng		95
67) Hexachlorobenzene	17.44	284	226464	38.809	ng	#	91
68) Atrazine	17.55	200	185783	39.273	ng		97
69) Pentachlorophenol	17.78	266	151122	40.517	ng		98
70) Phenanthrene	18.18	178	794194	38.480	ng		99
71) Anthracene	18.27	178	808297	39.266	ng		98
72) Carbazole	18.53	167	701717	39.296	ng		100
73) Di-n-butylphthalate	19.04	149	823216	39.013	ng		99
74) Fluoranthene	20.14	202	986506	38.175	ng		96
76) Benzidine	20.30	184	375765	36.528	ng	#	95
77) Pyrene	20.50	202	1008199	38.986	ng		99
79) Butylbenzylphthalate	21.37	149	360050	38.859	ng	#	75
80) Benzo(a)anthracene	22.47	228	995228	38.901	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	385254	40.311	ng	#	95
82) Chrysene	22.54	228	955437	38.887	ng		98
83) Bis(2-ethylhexyl)phthalate	22.31	149	526137	38.723	ng	#	97
84) Di-n-octyl phthalate	23.70	149	850112	39.394	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.54	276	1195822	39.770	ng	#	89
87) Benzo(b)fluoranthene	25.02	252	1054882	38.696	ng	#	96
88) Benzo(k)fluoranthene	25.10	252	1055635	39.628	ng	#	97
89) Benzo(a)pyrene	26.04	252	1008537	39.109	ng	#	97
90) Dibenzo(a,h)anthracene	30.63	278	976328	39.289	ng	#	96
91) Benzo(g,h,i)perylene	31.91	276	995263	39.185	ng	#	94

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

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