Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032024.D
Acq On : 13 Jan 2018 4:49
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 13 06:08:26 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	8.77	152	54931	20.00	ng		0.00
21) Naphthalene-d8	11.66	136	226396	20.00	ng		0.00
38) Acenaphthene-d10	15.40	164	159571	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	392100	20.00	ng		0.00
75) Chrysene-d12	22.48	240	439221	20.00	ng		0.00
86) Perylene-d12	26.21	264	478967	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	230320	76.69	ng		0.00
7) Phenol-d6	7.88	99	295404	78.09	ng		0.00
23) Nitrobenzene-d5	9.97	82	266643	79.68	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	209967	79.52	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	974138	75.70	ng		0.00
78) Terphenyl-d14	20.67	244	1511434	75.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	40971	35.508	ng	#	70
3) Pyridine	4.31	79	116543	37.839	ng	#	79
4) n-Nitrosodimethylamine	4.22	42	43222	39.945	ng	#	85
6) Aniline	8.06	93	180607	37.854	ng		94
8) 2-Chlorophenol	8.32	128	129166	38.433	ng		83
9) Benzaldehyde	7.87	77	83057	37.897	ng		83
10) Phenol	7.91	94	143099	38.404	ng		96
11) bis(2-Chloroethyl)ether	8.16	93	112621	37.726	ng	#	81
12) 1,3-Dichlorobenzene	8.66	146	166288	37.805	ng	#	94
13) 1,4-Dichlorobenzene	8.81	146	169173	38.198	ng		94
14) 1,2-Dichlorobenzene	9.14	146	161829	37.779	ng		97
15) Benzyl Alcohol	9.00	79	110920	40.365	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.30	45	115463	38.058	ng		80
17) 2-Methylphenol	9.21	107	109171	38.337	ng		97
18) Hexachloroethane	9.90	117	52768	38.768	ng	#	74
19) n-Nitroso-di-n-propylamine	9.59	70	92391	39.366	ng	#	87
20) 3+4-Methylphenols	9.54	107	152281	38.602	ng		95
22) Acetophenone	9.62	105	204054	39.679	ng	#	88
24) Nitrobenzene	10.01	77	133737	40.066	ng	#	87
25) Isophorone	10.54	82	247871	39.780	ng	#	84
26) 2-Nitrophenol	10.74	139	82749	41.838	ng	#	79
27) 2,4-Dimethylphenol	10.78	122	123969	39.498	ng		91
28) bis(2-Chloroethoxy)methane	11.02	93	150436	40.071	ng	#	97
29) 2,4-Dichlorophenol	11.28	162	156508	40.525	ng		89
30) 1,2,4-Trichlorobenzene	11.51	180	195149	39.127	ng		99
31) Naphthalene	11.71	128	435329	38.816	ng		98
32) Benzoic acid	10.90	122	95348	38.979	ng	#	72
33) 4-Chloroaniline	11.80	127	192232	39.971	ng	#	90
34) Hexachlorobutadiene	11.98	225	139963	39.070	ng		94
35) Caprolactam	12.55	113	46549	39.730	ng	#	50
36) 4-Chloro-3-methylphenol	12.87	107	144788	40.959	ng	#	79
37) 2-Methylnaphthalene	13.27	142	354281	39.789	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	266298	38.285	ng	#	95
40) Hexachlorocyclopentadiene	13.60	237	154418	39.416	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	154476	39.525	ng		98
43) 2,4,5-Trichlorophenol	13.92	196	176744	39.070	ng	#	89
45) 1,1'-Biphenyl	14.24	154	527248	38.543	ng		95
46) 2-Chloronaphthalene	14.30	162	406536	38.201	ng		96
47) 2-Nitroaniline	14.49	65	85297	41.868	ng	#	59
48) Acenaphthylene	15.14	152	627040	38.693	ng		99
49) Dimethylphthalate	14.83	163	548533	39.282	ng		100
50) 2,6-Dinitrotoluene	14.96	165	117491	40.537	ng	#	70
51) Acenaphthene	15.47	154	418913	39.093	ng		99
52) 3-Nitroaniline	15.29	138	107119	40.920	ng	#	71
53) 2,4-Dinitrophenol	15.49	184	55955	42.099	ng	#	63
54) Dibenzofuran	15.80	168	619420	38.750	ng		97
55) 4-Nitrophenol	15.57	139	77023	40.373	ng	#	71
56) 2,4-Dinitrotoluene	15.74	165	165829	42.496	ng	#	64
57) Fluorene	16.44	166	507667	38.723	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.01	232	170792	40.812	ng	#	85
59) Diethylphthalate	16.18	149	527797	38.989	ng		97
60) 4-Chlorophenyl-phenylether	16.42	204	315817	39.270	ng		93
61) 4-Nitroaniline	16.45	138	104921	41.782	ng	#	82
62) Azobenzene	16.71	77	329251	38.859	ng		83
64) 4,6-Dinitro-2-methylphenol	16.50	198	99961	40.661	ng	#	67
65) n-Nitrosodiphenylamine	16.63	169	471468	39.626	ng		99
66) 4-Bromophenyl-phenylether	17.31	248	217584	39.001	ng		94
67) Hexachlorobenzene	17.44	284	239043	38.729	ng	#	90
68) Atrazine	17.55	200	196945	39.360	ng		98
69) Pentachlorophenol	17.78	266	160952	40.797	ng		98
70) Phenanthrene	18.18	178	844926	38.704	ng		99
71) Anthracene	18.27	178	847154	38.907	ng		98
72) Carbazole	18.53	167	746751	39.535	ng		98
73) Di-n-butylphthalate	19.04	149	865996	38.800	ng		99
74) Fluoranthene	20.14	202	1039963	38.048	ng		96
76) Benzidine	20.30	184	371466	33.821	ng		98
77) Pyrene	20.50	202	1055147	38.215	ng		98
79) Butylbenzylphthalate	21.36	149	381197	38.533	ng	#	77
80) Benzo(a)anthracene	22.46	228	1059700	38.795	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	411327	40.311	ng	#	95
82) Chrysene	22.54	228	1031540	39.323	ng		97
83) Bis(2-ethylhexyl)phthalate	22.30	149	553403	38.148	ng	#	96
84) Di-n-octyl phthalate	23.69	149	887892	38.537	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.51	276	1266092	39.438	ng	#	88
87) Benzo(b)fluoranthene	25.01	252	1135337	39.216	ng	#	97
88) Benzo(k)fluoranthene	25.09	252	1103401	39.004	ng	#	96
89) Benzo(a)pyrene	26.03	252	1070442	39.086	ng	#	96
90) Dibenzo(a,h)anthracene	30.60	278	1027057	38.917	ng	#	96
91) Benzo(g,h,i)perylene	31.88	276	1062603	39.394	ng	#	93

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

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