Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010318\
Data File : BG031901.D
Acq On : 3 Jan 2018 22:15
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 04 04:47:47 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	44751	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	198964	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	151834	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	385043	20.00	ng		-0.01
75) Chrysene-d12	22.50	240	431928	20.00	ng		-0.01
86) Perylene-d12	26.22	264	460866	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	190776	77.65	ng		0.00
7) Phenol-d6	7.89	99	261496	81.97	ng		0.00
23) Nitrobenzene-d5	9.99	82	230592	87.52	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	202857	87.56	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	879068	72.67	ng		0.00
78) Terphenyl-d14	20.68	244	1445186	76.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	32704	35.908	ng	#	73
3) Pyridine	4.32	79	101296	41.608	ng	#	75
4) n-Nitrosodimethylamine	4.22	42	39303	40.007	ng	#	84
6) Aniline	8.08	93	162628	39.625	ng		90
8) 2-Chlorophenol	8.34	128	112589	39.504	ng	#	78
9) Benzaldehyde	7.88	77	66991	34.876	ng		82
10) Phenol	7.92	94	129666	40.262	ng		89
11) bis(2-Chloroethyl)ether	8.17	93	98402	36.790	ng	#	80
12) 1,3-Dichlorobenzene	8.67	146	136755	38.639	ng	#	93
13) 1,4-Dichlorobenzene	8.82	146	137348	37.990	ng		96
14) 1,2-Dichlorobenzene	9.16	146	132322	38.626	ng		97
15) Benzyl Alcohol	9.02	79	99449	41.529	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.31	45	74863	34.370	ng		80
17) 2-Methylphenol	9.22	107	92896	40.313	ng		94
18) Hexachloroethane	9.91	117	41306	37.722	ng		88
19) n-Nitroso-di-n-propylamine	9.60	70	86438	39.677	ng	#	80
20) 3+4-Methylphenols	9.55	107	136762	41.758	ng		93
22) Acetophenone	9.63	105	176473	38.177	ng	#	86
24) Nitrobenzene	10.03	77	112600	41.464	ng	#	86
25) Isophorone	10.55	82	220288	38.837	ng	#	87
26) 2-Nitrophenol	10.75	139	69450	48.777	ng	#	84
27) 2,4-Dimethylphenol	10.79	122	114113	38.087	ng		91
28) bis(2-Chloroethoxy)methane	11.03	93	137712	36.183	ng	#	94
29) 2,4-Dichlorophenol	11.30	162	142929	40.636	ng		91
30) 1,2,4-Trichlorobenzene	11.52	180	163608	38.096	ng		98
31) Naphthalene	11.72	128	394137	39.252	ng		99
32) Benzoic acid	10.90	122	84419	42.250	ng	#	76
33) 4-Chloroaniline	11.81	127	180068	40.279	ng	#	89
34) Hexachlorobutadiene	11.99	225	111184	37.710	ng		96
35) Caprolactam	12.57	113	50574	47.435	ng	#	43
36) 4-Chloro-3-methylphenol	12.88	107	142495	43.865	ng	#	81
37) 2-Methylnaphthalene	13.28	142	322082	39.567	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	230886	36.102	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	111929	33.176	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	144717	39.247	ng		99
43) 2,4,5-Trichlorophenol	13.93	196	164873	40.348	ng	#	89
45) 1,1'-Biphenyl	14.26	154	481709	37.146	ng		96
46) 2-Chloronaphthalene	14.31	162	366414	37.043	ng		96
47) 2-Nitroaniline	14.49	65	80835	47.318	ng	#	62
48) Acenaphthylene	15.14	152	601752	38.026	ng		98
49) Dimethylphthalate	14.85	163	517621	38.698	ng		99
50) 2,6-Dinitrotoluene	14.97	165	114318	46.458	ng	#	64
51) Acenaphthene	15.49	154	407857	39.354	ng		96
52) 3-Nitroaniline	15.30	138	108552	45.217	ng	#	77
53) 2,4-Dinitrophenol	15.50	184	41516	43.559	ng	#	42
54) Dibenzofuran	15.81	168	618124	38.908	ng		97
55) 4-Nitrophenol	15.58	139	82055	41.994	ng	#	65
56) 2,4-Dinitrotoluene	15.75	165	158454	50.079	ng	#	63
57) Fluorene	16.46	166	507001	39.284	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.02	232	163217	40.939	ng	#	85
59) Diethylphthalate	16.19	149	500751	38.410	ng		97
60) 4-Chlorophenyl-phenylether	16.43	204	304424	38.551	ng		92
61) 4-Nitroaniline	16.46	138	111106	47.426	ng		84
62) Azobenzene	16.73	77	320023	38.276	ng		83
64) 4,6-Dinitro-2-methylphenol	16.51	198	89547	47.839	ng	#	64
65) n-Nitrosodiphenylamine	16.64	169	487200	38.098	ng		98
66) 4-Bromophenyl-phenylether	17.32	248	215228	38.655	ng		95
67) Hexachlorobenzene	17.45	284	228046	40.065	ng	#	91
68) Atrazine	17.57	200	190174	38.245	ng		97
69) Pentachlorophenol	17.78	266	153750	39.272	ng		99
70) Phenanthrene	18.19	178	832458	38.203	ng		99
71) Anthracene	18.28	178	838030	38.125	ng		99
72) Carbazole	18.54	167	746618	38.376	ng		100
73) Di-n-butylphthalate	19.05	149	820324	37.941	ng		99
74) Fluoranthene	20.15	202	1033162	38.642	ng		96
76) Benzidine	20.31	184	370357	27.780	ng		97
77) Pyrene	20.51	202	1044781	37.868	ng		98
79) Butylbenzylphthalate	21.37	149	365953	39.512	ng	#	77
80) Benzo(a)anthracene	22.47	228	1034253	37.643	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	408014	38.302	ng	#	98
82) Chrysene	22.55	228	975673	37.531	ng		98
83) Bis(2-ethylhexyl)phthalate	22.31	149	500438	37.294	ng	#	97
84) Di-n-octyl phthalate	23.71	149	842327	37.273	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.55	276	1300661	38.999	ng	#	89
87) Benzo(b)fluoranthene	25.03	252	1080788	37.779	ng	#	97
88) Benzo(k)fluoranthene	25.11	252	1092967	38.176	ng	#	97
89) Benzo(a)pyrene	26.04	252	1039539	37.942	ng	#	98
90) Dibenzo(a,h)anthracene	30.64	278	1101389	38.923	ng	#	97
91) Benzo(g,h,i)perylene	30.55	276	1300661	38.932	ng	#	93

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

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