Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
Data File : BG027928.D
Acq On : 14 Jul 2017 17:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 14 22:42:39 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 16:10:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	52548	20.00	ng		0.00
21) Naphthalene-d8	11.20	136	230847	20.00	ng		0.00
38) Acenaphthene-d10	14.98	164	158160	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	395322	20.00	ng		0.00
75) Chrysene-d12	22.07	240	489315	20.00	ng		0.00
86) Perylene-d12	25.59	264	451406	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	230883	78.59	ng		0.00
7) Phenol-d6	7.52	99	337739	79.80	ng		0.00
23) Nitrobenzene-d5	9.55	82	333104	80.63	ng		0.00
41) 2,4,6-Tribromophenol	16.47	330	193599	82.60	ng		0.00
44) 2-Fluorobiphenyl	13.61	172	957668	79.85	ng		0.00
78) Terphenyl-d14	20.31	244	1741218	80.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	42883	39.205	ng		93
3) Pyridine	4.29	79	131842	42.022	ng		93
4) n-Nitrosodimethylamine	4.20	42	71105	40.341	ng		90
6) Aniline	7.70	93	198057	40.195	ng		92
8) 2-Chlorophenol	7.94	128	132835	39.528	ng		86
9) Benzaldehyde	7.51	77	92957	40.116	ng		82
10) Phenol	7.54	94	176736	39.828	ng		84
11) bis(2-Chloroethyl)ether	7.78	93	124610	38.300	ng		89
12) 1,3-Dichlorobenzene	8.26	146	154927	39.369	ng	#	93
13) 1,4-Dichlorobenzene	8.41	146	160949	39.534	ng		95
14) 1,2-Dichlorobenzene	8.73	146	155754	39.406	ng		92
15) Benzyl Alcohol	8.61	79	108415	41.919	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.89	45	249107	37.960	ng		99
17) 2-Methylphenol	8.80	107	116623	39.951	ng		91
18) Hexachloroethane	9.46	117	51722	39.051	ng	#	80
19) n-Nitroso-di-n-propylamine	9.17	70	116961	39.580	ng		97
20) 3+4-Methylphenols	9.13	107	161109	39.295	ng		93
22) Acetophenone	9.19	105	218448	39.245	ng	#	90
24) Nitrobenzene	9.59	77	172656	39.733	ng	#	85
25) Isophorone	10.10	82	313991	39.786	ng		94
26) 2-Nitrophenol	10.30	139	83971	40.290	ng	#	82
27) 2,4-Dimethylphenol	10.34	122	146417	40.023	ng		93
28) bis(2-Chloroethoxy)methane	10.57	93	179002	38.816	ng		96
29) 2,4-Dichlorophenol	10.83	162	158707	40.070	ng		93
30) 1,2,4-Trichlorobenzene	11.06	180	175105	39.434	ng		99
31) Naphthalene	11.25	128	448676	38.983	ng		99
32) Benzoic acid	10.47	122	72692	39.755	ng	#	86
33) 4-Chloroaniline	11.35	127	187382	39.837	ng	#	87
34) Hexachlorobutadiene	11.52	225	124340	40.115	ng		96
35) Caprolactam	12.12	113	50231	41.454	ng		91
36) 4-Chloro-3-methylphenol	12.44	107	171684	40.178	ng	#	86
37) 2-Methylnaphthalene	12.82	142	348194	39.632	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	252167	40.325	ng	#	93
40) Hexachlorocyclopentadiene	13.16	237	121064	41.483	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.42	196	157235	41.468	ng		93
43) 2,4,5-Trichlorophenol	13.49	196	163794	41.024	ng	#	89
45) 1,1'-Biphenyl	13.82	154	539414	39.691	ng		97
46) 2-Chloronaphthalene	13.86	162	388535	39.262	ng		95
47) 2-Nitroaniline	14.06	65	119335	40.360	ng	#	83
48) Acenaphthylene	14.71	152	623338	39.583	ng		99
49) Dimethylphthalate	14.42	163	523581	39.645	ng		97
50) 2,6-Dinitrotoluene	14.55	165	113408	40.196	ng	#	71
51) Acenaphthene	15.05	154	381975	38.661	ng		94
52) 3-Nitroaniline	14.89	138	111157	41.570	ng		80
53) 2,4-Dinitrophenol	15.09	184	64397	37.962	ng		95
54) Dibenzofuran	15.38	168	589906	39.068	ng		92
55) 4-Nitrophenol	15.18	139	83288	39.696	ng	#	64
56) 2,4-Dinitrotoluene	15.34	165	156662	40.163	ng	#	78
57) Fluorene	16.03	166	541908	40.167	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.60	232	146406	41.283	ng	#	89
59) Diethylphthalate	15.77	149	507022	39.601	ng		99
60) 4-Chlorophenyl-phenylether	16.01	204	299813	40.303	ng		90
61) 4-Nitroaniline	16.05	138	115881	40.537	ng	#	71
62) Azobenzene	16.30	77	398303	39.684	ng		91
64) 4,6-Dinitro-2-methylphenol	16.10	198	105941	40.203	ng		97
65) n-Nitrosodiphenylamine	16.23	169	458164	39.702	ng		99
66) 4-Bromophenyl-phenylether	16.91	248	198399	40.232	ng		92
67) Hexachlorobenzene	17.04	284	214882	39.987	ng	#	89
68) Atrazine	17.17	200	183290	41.409	ng		99
69) Pentachlorophenol	17.38	266	123143	38.718	ng		97
70) Phenanthrene	17.78	178	820906	39.699	ng		96
71) Anthracene	17.87	178	817253	39.686	ng		97
72) Carbazole	18.14	167	746854	40.291	ng	#	94
73) Di-n-butylphthalate	18.66	149	824779	40.495	ng	#	93
74) Fluoranthene	19.77	202	1008263	40.605	ng		93
76) Benzidine	19.94	184	449048	39.316	ng		98
77) Pyrene	20.13	202	1044595	39.942	ng		96
79) Butylbenzylphthalate	21.00	149	383456	40.815	ng		91
80) Benzo(a)anthracene	22.04	228	1071519	39.837	ng		96
81) 3,3'-Dichlorobenzidine	21.95	252	422500	39.946	ng		97
82) Chrysene	22.12	228	1019572	39.619	ng		96
83) Bis(2-ethylhexyl)phthalate	21.90	149	558383	40.826	ng		99
84) Di-n-octyl phthalate	23.22	149	958813	41.297	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.63	276	1208718	40.621	ng	#	97
87) Benzo(b)fluoranthene	24.46	252	1067755	40.480	ng		97
88) Benzo(k)fluoranthene	24.53	252	1051375	39.873	ng		96
89) Benzo(a)pyrene	25.41	252	1003714	40.344	ng		97
90) Dibenzo(a,h)anthracene	29.70	278	1007980	40.127	ng		98
91) Benzo(g,h,i)perylene	30.91	276	969141	40.030	ng	#	96

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

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