Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030907.D
Acq On : 10 Nov 2017 14:16
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Nov 10 14:59:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 13:42:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	45513	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	205875	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	141590	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	355629	20.00	ng		0.00
75) Chrysene-d12	21.79	240	388826	20.00	ng		0.01
86) Perylene-d12	25.11	264	386157	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	318492	116.90	ng		0.00
7) Phenol-d6	7.31	99	436825	114.23	ng		0.00
23) Nitrobenzene-d5	9.32	82	424227	130.95	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	274468	150.14	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	1150679	119.19	ng		0.00
78) Terphenyl-d14	20.10	244	2013832	117.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	64326	58.193	ng	#	83
3) Pyridine	3.97	79	192246	59.722	ng		88
4) n-Nitrosodimethylamine	3.88	42	90402	60.079	ng	#	94
6) Aniline	7.46	93	285638	60.319	ng		95
8) 2-Chlorophenol	7.71	128	173848	55.670	ng		93
9) Benzaldehyde	7.28	77	146750	76.294	ng		89
10) Phenol	7.34	94	221252	53.665	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	179926	59.900	ng		90
12) 1,3-Dichlorobenzene	8.03	146	202760	57.832	ng		97
13) 1,4-Dichlorobenzene	8.18	146	207816	58.056	ng		96
14) 1,2-Dichlorobenzene	8.50	146	199218	57.701	ng		99
15) Benzyl Alcohol	8.39	79	176781	65.598	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.67	45	195208	38.267	ng		93
17) 2-Methylphenol	8.59	107	155459	56.763	ng		97
18) Hexachloroethane	9.23	117	72546	59.471	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	163560	62.902	ng	#	95
20) 3+4-Methylphenols	8.93	107	224371	58.143	ng		95
22) Acetophenone	8.97	105	311885	62.861	ng	#	94
24) Nitrobenzene	9.36	77	216817	59.522	ng		92
25) Isophorone	9.88	82	413148	61.087	ng	#	92
26) 2-Nitrophenol	10.07	139	117605	67.551	ng		91
27) 2,4-Dimethylphenol	10.13	122	167105	53.051	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	259744	62.632	ng		96
29) 2,4-Dichlorophenol	10.61	162	207453	61.761	ng		92
30) 1,2,4-Trichlorobenzene	10.83	180	239246	65.929	ng		96
31) Naphthalene	11.01	128	608900	59.345	ng		99
32) Benzoic acid	10.30	122	142655	54.089	ng	#	85
33) 4-Chloroaniline	11.12	127	274851	63.682	ng		95
34) Hexachlorobutadiene	11.29	225	165538	73.369	ng		98
35) Caprolactam	11.91	113	78770	70.562	ng	#	75
36) 4-Chloro-3-methylphenol	12.24	107	215279	58.273	ng	#	83
37) 2-Methylnaphthalene	12.61	142	470459	62.912	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	338402	65.462	ng		97
40) Hexachlorocyclopentadiene	12.95	237	116584	66.758	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	196847	60.659 ng		99
43) 2,4,5-Trichlorophenol	13.29	196	218978	65.705 ng		94
45) 1,1'-Biphenyl	13.60	154	693101	56.951 ng		99
46) 2-Chloronaphthalene	13.65	162	509351	57.378 ng		96
47) 2-Nitroaniline	13.85	65	157868	64.746 ng		91
48) Acenaphthylene	14.50	152	821354	59.120 ng		98
49) Dimethylphthalate	14.22	163	714964	64.719 ng		99
50) 2,6-Dinitrotoluene	14.34	165	155006	66.933 ng	#	77
51) Acenaphthene	14.83	154	517862	57.290 ng		99
52) 3-Nitroaniline	14.67	138	158695	63.504 ng	#	83
53) 2,4-Dinitrophenol	14.89	184	79911	74.011 ng	#	51
54) Dibenzofuran	15.17	168	812191	62.940 ng		98
55) 4-Nitrophenol	15.00	139	114590	55.621 ng	#	82
56) 2,4-Dinitrotoluene	15.13	165	225267	71.856 ng	#	75
57) Fluorene	15.81	166	652647	61.223 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	203191	73.077 ng	#	90
59) Diethylphthalate	15.57	149	717112	65.135 ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	400702	70.501 ng		92
61) 4-Nitroaniline	15.84	138	170746	66.541 ng		91
62) Azobenzene	16.09	77	560591	60.382 ng		96
64) 4,6-Dinitro-2-methylphenol	15.90	198	153318	81.906 ng		76
65) n-Nitrosodiphenylamine	16.01	169	642541	60.314 ng		99
66) 4-Bromophenyl-phenylether	16.69	248	273092	66.922 ng		94
67) Hexachlorobenzene	16.82	284	288651	62.446 ng	#	93
68) Atrazine	16.95	200	257190	67.660 ng		98
69) Pentachlorophenol	17.16	266	169801	63.947 ng		99
70) Phenanthrene	17.55	178	1079647	58.766 ng		98
71) Anthracene	17.65	178	1087154	58.931 ng		99
72) Carbazole	17.91	167	1003990	56.655 ng		99
73) Di-n-butylphthalate	18.45	149	1215642	59.644 ng		99
74) Fluoranthene	19.56	202	1336475	62.195 ng		97
76) Benzidine	19.73	184	805507	68.612 ng	#	96
77) Pyrene	19.91	202	1359290	57.629 ng		96
79) Butylbenzylphthalate	20.78	149	549515	54.684 ng		88
80) Benzo(a)anthracene	21.77	228	1404697	61.532 ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	573496	60.863 ng		97
82) Chrysene	21.84	228	1307071	59.785 ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	753806	52.269 ng	#	99
84) Di-n-octyl phthalate	22.89	149	1265841	50.362 ng		96
85) Indeno(1,2,3-cd)pyrene	28.95	276	1617282	60.129 ng	#	90
87) Benzo(b)fluoranthene	24.06	252	1413995	63.959 ng	#	98
88) Benzo(k)fluoranthene	24.13	252	1375599	62.456 ng		96
89) Benzo(a)pyrene	24.96	252	1324502	62.320 ng		98
90) Dibenzo(a,h)anthracene	29.00	278	1373879	63.851 ng		96
91) Benzo(g,h,i)perylene	30.15	276	1326153	66.334 ng		96

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

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