Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100616\
Data File : BG024187.D
Acq On : 6 Oct 2016 2:02
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC02.5

Quant Time: Oct 06 11:26:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG100616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 07:02:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	144610	20.00	ng		0.00
21) Naphthalene-d8	11.13	136	621746	20.00	ng		0.00
38) Acenaphthene-d10	14.92	164	518765	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	1153156	20.00	ng		0.00
75) Chrysene-d12	21.96	240	1243299	20.00	ng		0.00
86) Perylene-d12	25.42	264	1240051	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.83	112	45250	2.78	ng		0.00
7) Phenol-d6	7.43	99	56787	2.38	ng		0.00
23) Nitrobenzene-d5	9.47	82	64005	2.59	ng		0.00
41) 2,4,6-Tribromophenol	16.40	330	32304	2.52	ng		0.00
44) 2-Fluorobiphenyl	13.55	172	163931	2.93	ng		0.00
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.70	88	8951	2.87	ng	#	81
3) Pyridine	4.13	79	17098	1.90	ng	#	83
4) n-Nitrosodimethylamine	4.03	42	12996	2.17	ng	#	89
6) Aniline	7.62	93	43160	2.59	ng	#	86
8) 2-Chlorophenol	7.87	128	22742	2.45	ng		94
9) Benzaldehyde	7.44	77	16493	2.59	ng		90
10) Phenol	7.46	94	34514	2.59	ng		88
11) bis(2-Chloroethyl)ether	7.71	93	24716	2.46	ng		92
12) 1,3-Dichlorobenzene	8.19	146	26930	2.59	ng		94
13) 1,4-Dichlorobenzene	8.34	146	27585m	2.63	ng		
14) 1,2-Dichlorobenzene	8.66	146	28006	2.78	ng		88
15) Benzyl Alcohol	8.53	79	24857	2.23	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.83	45	54128	2.57	ng		95
17) 2-Methylphenol	8.73	107	20255	2.37	ng	#	89
18) Hexachloroethane	9.40	117	9647	2.28	ng	#	75
19) n-Nitroso-di-n-propylamine	9.11	70	22205	2.18	ng	#	81
20) 3+4-Methylphenols	9.05	107	30839	2.62	ng		94
22) Acetophenone	9.14	105	37215	2.41	ng	#	94
24) Nitrobenzene	9.52	77	34988	2.54	ng	#	92
25) Isophorone	10.04	82	62087	2.41	ng	#	95
26) 2-Nitrophenol	10.24	139	11920	2.42	ng	#	68
27) 2,4-Dimethylphenol	10.27	122	28728	2.77	ng	#	69
28) bis(2-Chloroethoxy)methane	10.53	93	33551	2.43	ng		92
29) 2,4-Dichlorophenol	10.77	162	27350	2.77	ng		93
30) 1,2,4-Trichlorobenzene	10.98	180	29401	2.65	ng		87
31) Naphthalene	11.18	128	82806	2.86	ng		99
32) Benzoic acid	10.32	122	12165	1.58	ng	#	70
33) 4-Chloroaniline	11.28	127	37533	2.81	ng		95
34) Hexachlorobutadiene	11.46	225	20982	2.51	ng		95
35) Caprolactam	12.05	113	7531m	2.11	ng		
36) 4-Chloro-3-methylphenol	12.37	107	34103	2.64	ng	#	93
37) 2-Methylnaphthalene	12.77	142	57195	2.66	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	35978	2.36	ng	#	92
40) Hexachlorocyclopentadiene	13.11	237	22867	2.23	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	24178	2.42	ng	#	88
43) 2,4,5-Trichlorophenol	13.42	196	26161	2.57	ng	#	93
45) 1,1'-Biphenyl	13.76	154	91292	2.69	ng		91
46) 2-Chloronaphthalene	13.81	162	67480	2.60	ng		99
47) 2-Nitroaniline	14.00	65	21249	2.21	ng		96
48) Acenaphthylene	14.65	152	109959	2.75	ng	#	93
49) Dimethylphthalate	14.36	163	95758	2.74	ng		99
50) 2,6-Dinitrotoluene	14.49	165	16701	2.36	ng	#	77
51) Acenaphthene	14.98	154	74093	2.65	ng		89
52) 3-Nitroaniline	14.82	138	16170	2.38	ng	#	96
53) 2,4-Dinitrophenol	15.01	184	7725	1.80	ng	#	63
54) Dibenzofuran	15.31	168	109863	2.83	ng	#	91
55) 4-Nitrophenol	15.09	139	12908	2.04	ng		93
56) 2,4-Dinitrotoluene	15.26	165	22407	2.29	ng	#	81
57) Fluorene	15.96	166	92178	2.79	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.53	232	23347	2.44	ng		93
59) Diethylphthalate	15.71	149	100851	2.77	ng		98
60) 4-Chlorophenyl-phenylether	15.94	204	50991	2.69	ng		93
61) 4-Nitroaniline	15.97	138	18667	2.53	ng	#	83
62) Azobenzene	16.24	77	94799	2.59	ng		97
64) 4,6-Dinitro-2-methylphenol	16.01	198	14455	2.23	ng		86
65) n-Nitrosodiphenylamine	16.16	169	88187	2.78	ng		94
66) 4-Bromophenyl-phenylether	16.84	248	34768	2.71	ng		86
67) Hexachlorobenzene	16.95	284	42169	2.88	ng		93
68) Atrazine	17.09	200	29056	2.61	ng		93
69) Pentachlorophenol	17.30	266	19537	2.08	ng	#	87
70) Phenanthrene	17.70	178	159696m	2.98	ng		
71) Anthracene	17.79	178	162308	3.01	ng		97
72) Carbazole	18.05	167	141785	2.91	ng		95
73) Di-n-butylphthalate	18.59	149	153134	2.74	ng	#	92
74) Fluoranthene	19.69	202	185786	3.09	ng		95
76) Benzidine	19.86	184	58440	2.05	ng	#	96
77) Pyrene	20.05	202	195846	3.15	ng	#	93
79) Butylbenzylphthalate	20.93	149	68991	2.47	ng		91
80) Benzo(a)anthracene	21.94	228	193152m	2.98	ng		
81) 3,3'-Dichlorobenzidine	21.84	252	73181	2.75	ng	#	91
82) Chrysene	22.01	228	187890	3.02	ng		92
83) Bis(2-ethylhexyl)phthalate	21.82	149	105453	2.73	ng		96
84) Di-n-octyl phthalate	23.12	149	184441	2.91	ng		99
85) Indeno(1,2,3-cd)pyrene	29.38	276	198544	2.64	ng	#	74
87) Benzo(b)fluoranthene	24.31	252	185590	2.85	ng		99
88) Benzo(k)fluoranthene	24.39	252	183542	2.84	ng		92
89) Benzo(a)pyrene	25.26	252	181967	2.88	ng	#	88
90) Dibenzo(a,h)anthracene	29.46	278	178616	2.82	ng	#	97
91) Benzo(g,h,i)perylene	30.63	276	170652	2.74	ng	#	87

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

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