Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026323.D
Acq On : 20 Mar 2017 12:34
Operator : SJ/MA
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC2.5

Quant Time: Mar 20 17:09:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 15:47:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	105391	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	453976	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	261050	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	611695	20.00	ng		0.00
75) Chrysene-d12	21.63	240	770796	20.00	ng		0.00
86) Perylene-d12	24.81	264	738961	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	28229	4.66	ng		0.00
7) Phenol-d6	7.21	99	38185	4.26	ng		0.00
23) Nitrobenzene-d5	9.20	82	35001	4.87	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	13976	5.79	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	101388	6.79	ng		0.00
78) Terphenyl-d14	19.98	244	170832	5.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	7096	2.56	ng	#	77
3) Pyridine	3.92	79	16214	1.97	ng	#	74
4) n-Nitrosodimethylamine	3.82	42	4816	1.62	ng	#	22
6) Aniline	7.37	93	25053	2.01	ng	#	86
8) 2-Chlorophenol	7.61	128	16026	2.23	ng		87
9) Benzaldehyde	7.18	77	12953	2.44	ng	#	69
10) Phenol	7.24	94	20162	2.07	ng	#	67
11) bis(2-Chloroethyl)ether	7.46	93	18119	2.26	ng		85
12) 1,3-Dichlorobenzene	7.94	146	19992	2.40	ng	#	87
13) 1,4-Dichlorobenzene	8.08	146	19768	2.35	ng	#	88
14) 1,2-Dichlorobenzene	8.40	146	19262	2.33	ng		93
15) Benzyl Alcohol	8.28	79	11931	1.82	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.57	45	19295	1.66	ng		76
17) 2-Methylphenol	8.49	107	14554	2.08	ng	#	80
18) Hexachloroethane	9.13	117	6341	2.27	ng		93
19) n-Nitroso-di-n-propylamine	8.84	70	12591	1.92	ng	#	74
20) 3+4-Methylphenols	8.82	107	18352	1.84	ng		88
22) Acetophenone	8.87	105	24411	2.24	ng	#	80
24) Nitrobenzene	9.24	77	17386	2.24	ng	#	79
25) Isophorone	9.77	82	34871	2.20	ng	#	89
26) 2-Nitrophenol	9.96	139	8011	2.20	ng	#	62
27) 2,4-Dimethylphenol	10.02	122	14848	2.19	ng	#	78
28) bis(2-Chloroethoxy)methane	10.25	93	22270	2.22	ng	#	91
29) 2,4-Dichlorophenol	10.50	162	14068	2.17	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	17463	2.48	ng		95
31) Naphthalene	10.90	128	57687	2.46	ng		98
33) 4-Chloroaniline	11.01	127	22087	2.17	ng	#	79
34) Hexachlorobutadiene	11.18	225	10851	2.71	ng		93
35) Caprolactam	11.75	113	5834	2.23	ng	#	47
36) 4-Chloro-3-methylphenol	12.12	107	15632	2.02	ng	#	88
37) 2-Methylnaphthalene	12.49	142	40538	2.27	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	19294	2.95	ng		98
42) 2,4,6-Trichlorophenol	13.10	196	11890	2.81	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	13264	2.77	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	13.49	154	54778	2.90	ng		94
46) 2-Chloronaphthalene	13.54	162	40217	2.94	ng		92
47) 2-Nitroaniline	13.74	65	9585	2.21	ng	#	80
48) Acenaphthylene	14.38	152	68385	2.81	ng	#	93
49) Dimethylphthalate	14.10	163	48593	2.71	ng		96
50) 2,6-Dinitrotoluene	14.22	165	8708	2.16	ng	#	74
51) Acenaphthene	14.71	154	43433	2.70	ng		98
52) 3-Nitroaniline	14.56	138	9604	2.13	ng	#	81
54) Dibenzofuran	15.05	168	61059	2.85	ng	#	87
55) 4-Nitrophenol	14.87	139	7654	2.09	ng	#	36
56) 2,4-Dinitrotoluene	15.01	165	12614	2.33	ng	#	74
57) Fluorene	15.70	166	53881	2.81	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	11677	2.76	ng	#	95
59) Diethylphthalate	15.45	149	49333	2.66	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	24553	2.77	ng		91
61) 4-Nitroaniline	15.71	138	10832	2.32	ng	#	55
62) Azobenzene	15.97	77	38589	2.42	ng		84
64) 4,6-Dinitro-2-methylphenol	15.78	198	6833	1.91	ng		90
65) n-Nitrosodiphenylamine	15.90	169	44699	2.41	ng		95
66) 4-Bromophenyl-phenylether	16.58	248	14269	2.23	ng		91
67) Hexachlorobenzene	16.70	284	16756	2.54	ng	#	89
68) Atrazine	16.84	200	15247	2.32	ng		94
69) Pentachlorophenol	17.04	266	10103	2.48	ng		96
70) Phenanthrene	17.43	178	87406	2.63	ng	#	91
71) Anthracene	17.52	178	85373	2.52	ng		96
72) Carbazole	17.79	167	88809	2.61	ng		96
73) Di-n-butylphthalate	18.33	149	89968	2.69	ng	#	92
74) Fluoranthene	19.43	202	102030	2.79	ng		93
76) Benzidine	19.60	184	56357	2.32	ng		95
77) Pyrene	19.79	202	110186	2.26	ng		94
79) Butylbenzylphthalate	20.66	149	42052	2.27	ng		88
80) Benzo(a)anthracene	21.61	228	113617	2.52	ng		95
81) 3,3'-Dichlorobenzidine	21.52	252	44806	2.79	ng	#	97
82) Chrysene	21.68	228	109483	2.53	ng		93
83) Bis(2-ethylhexyl)phthalate	21.51	149	67431	2.52	ng	#	99
84) Di-n-octyl phthalate	22.71	149	113065	2.56	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.44	276	120549	2.37	ng	#	94
87) Benzo(b)fluoranthene	23.80	252	113265	2.56	ng	#	96
88) Benzo(k)fluoranthene	23.87	252	106874	2.47	ng	#	91
89) Benzo(a)pyrene	24.66	252	106051	2.53	ng	#	93
90) Dibenzo(a,h)anthracene	28.49	278	104643	2.49	ng	#	89
91) Benzo(g,h,i)perylene	29.56	276	104830	2.48	ng	#	88

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

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