Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041817\
Data File : BG026649.D
Acq On : 18 Apr 2017 15:05
Operator : SJ/MA
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Apr 18 15:58:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 15:56:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	182357	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	761755	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	457729	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	1149064	20.00	ng		0.00
75) Chrysene-d12	21.62	240	1298278	20.00	ng		0.00
86) Perylene-d12	24.78	264	1283985	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	775905	75.52	ng		0.00
7) Phenol-d6	7.19	99	1038277	75.27	ng		0.00
23) Nitrobenzene-d5	9.18	82	868073	68.52	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	493182	94.09	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	2376792	72.82	ng		0.00
78) Terphenyl-d14	19.96	244	3357389	62.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	203588	44.15	ng	#	70
3) Pyridine	3.89	79	465224	36.84	ng	#	61
4) n-Nitrosodimethylamine	3.79	42	132269	38.32	ng	#	1
6) Aniline	7.35	93	666316	36.16	ng	#	87
8) 2-Chlorophenol	7.60	128	468148	40.47	ng	#	79
9) Benzaldehyde	7.16	77	350258	37.62	ng	#	64
10) Phenol	7.22	94	564068	38.32	ng	#	68
11) bis(2-Chloroethyl)ether	7.44	93	442702	36.68	ng	#	79
12) 1,3-Dichlorobenzene	7.92	146	541810	39.34	ng	#	84
13) 1,4-Dichlorobenzene	8.07	146	553105	39.70	ng	#	93
14) 1,2-Dichlorobenzene	8.38	146	523736	39.28	ng	#	91
15) Benzyl Alcohol	8.26	79	321660	35.57	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	421693	31.46	ng		80
17) 2-Methylphenol	8.47	107	393489	37.64	ng	#	80
18) Hexachloroethane	9.11	117	174399	38.28	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	316331	35.67	ng	#	71
20) 3+4-Methylphenols	8.79	107	549672	38.19	ng		84
22) Acetophenone	8.85	105	688996	39.33	ng	#	73
24) Nitrobenzene	9.23	77	462920	37.01	ng	#	69
25) Isophorone	9.75	82	891557	37.34	ng	#	89
26) 2-Nitrophenol	9.94	139	280316	43.07	ng	#	64
27) 2,4-Dimethylphenol	10.00	122	454157	42.51	ng	#	83
28) bis(2-Chloroethoxy)methane	10.23	93	579571	37.36	ng	#	97
29) 2,4-Dichlorophenol	10.48	162	470024	43.50	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	518501	42.72	ng		99
31) Naphthalene	10.87	128	1475707	38.31	ng		99
32) Benzoic acid	10.13	122	289118	35.17	ng	#	70
33) 4-Chloroaniline	10.98	127	649825	41.48	ng	#	81
34) Hexachlorobutadiene	11.16	225	298431	41.68	ng		98
35) Caprolactam	11.74	113	187531	44.05	ng	#	47
36) 4-Chloro-3-methylphenol	12.10	107	476085	41.19	ng	#	73
37) 2-Methylnaphthalene	12.47	142	1136452	40.28	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	553053	40.16	ng	#	98
40) Hexachlorocyclopentadiene	12.83	237	291725	40.24	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	401712	44.55	ng		94
43) 2,4,5-Trichlorophenol	13.15	196	423082	42.45	ng	#	91
45) 1,1'-Biphenyl	13.47	154	1450258	38.26	ng		98
46) 2-Chloronaphthalene	13.52	162	1105838	39.94	ng		96
47) 2-Nitroaniline	13.72	65	296300	37.63	ng	#	52
48) Acenaphthylene	14.36	152	1786272	37.01	ng		98
49) Dimethylphthalate	14.09	163	1422715	41.18	ng		98
50) 2,6-Dinitrotoluene	14.21	165	344005	42.66	ng	#	60
51) Acenaphthene	14.70	154	1130086	38.02	ng		98
52) 3-Nitroaniline	14.54	138	375958	42.35	ng	#	64
53) 2,4-Dinitrophenol	14.75	184	164285	35.12	ng	#	73
54) Dibenzofuran	15.03	168	1754519	41.93	ng		90
55) 4-Nitrophenol	14.85	139	319167	43.90	ng	#	38
56) 2,4-Dinitrotoluene	14.99	165	493724	43.53	ng	#	68
57) Fluorene	15.68	166	1455006	39.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	408848	47.03	ng	#	96
59) Diethylphthalate	15.44	149	1449507	41.05	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	737225	41.78	ng	#	86
61) 4-Nitroaniline	15.70	138	405649	43.19	ng	#	48
62) Azobenzene	15.96	77	1139729	39.70	ng		78
64) 4,6-Dinitro-2-methylphenol	15.76	198	311595	43.01	ng		85
65) n-Nitrosodiphenylamine	15.88	169	1304270	38.68	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	489196	41.36	ng		94
67) Hexachlorobenzene	16.69	284	543024	43.04	ng	#	89
68) Atrazine	16.82	200	510800	40.01	ng		97
69) Pentachlorophenol	17.03	266	337789	41.18	ng		98
70) Phenanthrene	17.41	178	2299073	37.26	ng		98
71) Anthracene	17.50	178	2379485	37.80	ng		98
72) Carbazole	17.77	167	2279637	35.17	ng		97
73) Di-n-butylphthalate	18.32	149	2542373	38.18	ng	#	95
74) Fluoranthene	19.41	202	2710088	37.35	ng		97
76) Benzidine	19.59	184	1425088	31.84	ng		99
77) Pyrene	19.78	202	2733557	36.36	ng		98
79) Butylbenzylphthalate	20.65	149	1178619	39.18	ng	#	84
80) Benzo(a)anthracene	21.60	228	2698718	36.94	ng		99
81) 3,3'-Dichlorobenzidine	21.51	252	1144674	38.27	ng	#	98
82) Chrysene	21.66	228	2499188	35.80	ng		100
83) Bis(2-ethylhexyl)phthalate	21.49	149	1681000	37.00	ng		95
84) Di-n-octyl phthalate	22.68	149	2848548	36.74	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.40	276	3480774	40.39	ng	#	88
87) Benzo(b)fluoranthene	23.78	252	2921337	38.60	ng	#	96
88) Benzo(k)fluoranthene	23.85	252	2775083	37.81	ng	#	96
89) Benzo(a)pyrene	24.64	252	2808771	38.69	ng	#	96
90) Dibenzo(a,h)anthracene	28.45	278	2927204	39.90	ng	#	94
91) Benzo(g,h,i)perylene	29.52	276	2880680	38.97	ng	#	88

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

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