Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026326.D
Acq On : 20 Mar 2017 14:31
Operator : SJ/MA
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Mar 20 15:51:48 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 15:49:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	121283	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	519628	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	301956	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	702469	20.00	ng		0.00
75) Chrysene-d12	21.64	240	774724	20.00	ng		0.00
86) Perylene-d12	24.82	264	769401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	549733	78.91	ng		0.00
7) Phenol-d6	7.21	99	749101	72.67	ng		0.00
23) Nitrobenzene-d5	9.20	82	712443	86.52	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	277061	99.31	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1719074	99.48	ng		0.00
78) Terphenyl-d14	19.99	244	2580927	81.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	120328	37.79	ng	#	75
3) Pyridine	3.90	79	345040	36.37	ng	#	66
4) n-Nitrosodimethylamine	3.82	42	93060	27.28	ng	#	1
6) Aniline	7.37	93	501949	35.02	ng	#	89
8) 2-Chlorophenol	7.61	128	311779	37.66	ng		84
9) Benzaldehyde	7.18	77	252784	41.38	ng	#	74
10) Phenol	7.24	94	400264	35.73	ng	#	70
11) bis(2-Chloroethyl)ether	7.47	93	318914	34.63	ng		84
12) 1,3-Dichlorobenzene	7.94	146	369725	38.63	ng	#	86
13) 1,4-Dichlorobenzene	8.08	146	375492	38.73	ng		94
14) 1,2-Dichlorobenzene	8.41	146	358964	37.71	ng	#	90
15) Benzyl Alcohol	8.28	79	247475	32.78	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.57	45	361309	27.04	ng		85
17) 2-Methylphenol	8.49	107	279188	34.60	ng	#	81
18) Hexachloroethane	9.13	117	123031	38.29	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	239874	31.86	ng	#	72
20) 3+4-Methylphenols	8.81	107	398600	34.67	ng		85
22) Acetophenone	8.86	105	496962	39.86	ng	#	75
24) Nitrobenzene	9.25	77	350909	39.41	ng	#	75
25) Isophorone	9.77	82	668062	36.87	ng	#	90
26) 2-Nitrophenol	9.96	139	188038	45.16	ng	#	64
27) 2,4-Dimethylphenol	10.02	122	302266	38.90	ng		86
28) bis(2-Chloroethoxy)methane	10.24	93	432507	37.66	ng	#	98
29) 2,4-Dichlorophenol	10.50	162	307096	41.40	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	338984	42.02	ng		99
31) Naphthalene	10.90	128	1067176	39.72	ng		99
32) Benzoic acid	10.14	122	232143	39.12	ng	#	74
33) 4-Chloroaniline	11.00	127	441284	37.82	ng	#	82
34) Hexachlorobutadiene	11.18	225	197699	43.07	ng		98
35) Caprolactam	11.77	113	119550	39.91	ng	#	61
36) 4-Chloro-3-methylphenol	12.12	107	324017	36.51	ng	#	77
37) 2-Methylnaphthalene	12.49	142	787895	38.51	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	364845	48.21	ng		98
40) Hexachlorocyclopentadiene	12.84	237	194305	46.92	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	242726	49.66	ng		94
43) 2,4,5-Trichlorophenol	13.17	196	266238	47.98	ng	#	92
45) 1,1'-Biphenyl	13.49	154	1006490	46.00	ng		97
46) 2-Chloronaphthalene	13.54	162	727933	46.02	ng		97
47) 2-Nitroaniline	13.73	65	217387	43.33	ng	#	60
48) Acenaphthylene	14.38	152	1275691	45.29	ng		99
49) Dimethylphthalate	14.10	163	918461	44.34	ng		98
50) 2,6-Dinitrotoluene	14.22	165	225287	48.42	ng	#	63
51) Acenaphthene	14.72	154	783229	42.11	ng		99
52) 3-Nitroaniline	14.55	138	245905	47.24	ng	#	69
53) 2,4-Dinitrophenol	14.76	184	125736	51.64	ng	#	80
54) Dibenzofuran	15.05	168	1101542	44.42	ng		91
55) 4-Nitrophenol	14.86	139	201243	47.51	ng	#	41
56) 2,4-Dinitrotoluene	15.01	165	313684	50.11	ng	#	73
57) Fluorene	15.70	166	986280	44.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	230454	47.08	ng	#	98
59) Diethylphthalate	15.46	149	937777	43.77	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	462355	45.03	ng		91
61) 4-Nitroaniline	15.71	138	258303	47.87	ng	#	51
62) Azobenzene	15.98	77	766772	41.63	ng		81
64) 4,6-Dinitro-2-methylphenol	15.77	198	187697	45.66	ng		86
65) n-Nitrosodiphenylamine	15.90	169	842119	39.53	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	301159	40.90	ng		97
67) Hexachlorobenzene	16.70	284	313046	41.25	ng		93
68) Atrazine	16.84	200	324442	43.03	ng		95
69) Pentachlorophenol	17.04	266	208887	44.63	ng		98
70) Phenanthrene	17.43	178	1526989	40.04	ng		97
71) Anthracene	17.52	178	1565605	40.27	ng		99
72) Carbazole	17.78	167	1606970	41.15	ng		96
73) Di-n-butylphthalate	18.34	149	1665021	43.43	ng	#	93
74) Fluoranthene	19.43	202	1788081	42.59	ng		94
76) Benzidine	19.60	184	1157569	47.33	ng		98
77) Pyrene	19.79	202	1856575	37.89	ng		99
79) Butylbenzylphthalate	20.67	149	747742	40.21	ng	#	83
80) Benzo(a)anthracene	21.61	228	1766110	39.04	ng		98
81) 3,3'-Dichlorobenzidine	21.53	252	734365	45.54	ng	#	97
82) Chrysene	21.68	228	1688329	38.82	ng		98
83) Bis(2-ethylhexyl)phthalate	21.51	149	1107417	41.25	ng		99
84) Di-n-octyl phthalate	22.71	149	1910773	43.10	ng	#	82
85) Indeno(1,2,3-cd)pyrene	28.46	276	2128700	41.55	ng	#	88
87) Benzo(b)fluoranthene	23.81	252	1819328	39.48	ng	#	95
88) Benzo(k)fluoranthene	23.88	252	1818753	40.45	ng	#	94
89) Benzo(a)pyrene	24.67	252	1763232	40.41	ng	#	95
90) Dibenzo(a,h)anthracene	28.51	278	1786524	40.75	ng	#	91
91) Benzo(g,h,i)perylene	29.59	276	1802783	41.02	ng	#	89

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

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