Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026329.D
Acq On : 20 Mar 2017 16:29
Operator : SJ/MA
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
3/21/2017 5:21:57 PM

Quant Time: Mar 20 17:04:08 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 17:03:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	119079	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	514572	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	297397	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	713031	20.00	ng		0.00
75) Chrysene-d12	21.64	240	771417	20.00	ng		0.00
86) Perylene-d12	24.82	264	767353	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1070199	156.47	ng		0.00
7) Phenol-d6	7.21	99	1410072	139.32	ng		0.00
23) Nitrobenzene-d5	9.21	82	1363696	167.25	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	555949	202.34	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	3041742	178.72	ng		0.00
78) Terphenyl-d14	19.99	244	4198158	132.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	239895	76.74	ng	#	75
3) Pyridine	3.90	79	679505	72.95	ng	#	65
4) n-Nitrosodimethylamine	3.82	42	181423	54.16	ng	#	1
6) Aniline	7.37	93	959685	68.20	ng	#	91
8) 2-Chlorophenol	7.61	128	596201	73.34	ng		86
9) Benzaldehyde	7.18	77	470131	78.39	ng	#	71
10) Phenol	7.24	94	758308	68.95	ng	#	72
11) bis(2-Chloroethyl)ether	7.47	93	624233	69.05	ng		86
12) 1,3-Dichlorobenzene	7.94	146	714554	76.04	ng	#	86
13) 1,4-Dichlorobenzene	8.08	146	726257m	76.30	ng		
14) 1,2-Dichlorobenzene	8.41	146	685300	73.33	ng		92
15) Benzyl Alcohol	8.28	79	483674	65.26	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.58	45	684798	52.20	ng		83
17) 2-Methylphenol	8.49	107	545424	68.84	ng	#	81
18) Hexachloroethane	9.13	117	238477	75.59	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	460390	62.28	ng	#	72
20) 3+4-Methylphenols	8.82	107	763474	67.63	ng		86
22) Acetophenone	8.87	105	940608	76.18	ng	#	75
24) Nitrobenzene	9.25	77	675914	76.66	ng	#	74
25) Isophorone	9.77	82	1285933	71.66	ng	#	90
26) 2-Nitrophenol	9.96	139	373487	90.58	ng	#	64
27) 2,4-Dimethylphenol	10.02	122	587668	76.36	ng		86
28) bis(2-Chloroethoxy)methane	10.25	93	829008	72.90	ng	#	96
29) 2,4-Dichlorophenol	10.50	162	601970	81.95	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	659595	82.57	ng		98
31) Naphthalene	10.90	128	2005688	75.39	ng		98
32) Benzoic acid	10.19	122	481046	81.87	ng	#	76
33) 4-Chloroaniline	11.00	127	850463	73.60	ng	#	82
34) Hexachlorobutadiene	11.18	225	388184	85.40	ng		97
35) Caprolactam	11.79	113	237317	80.01	ng	#	64
36) 4-Chloro-3-methylphenol	12.12	107	637609	72.56	ng	#	79
37) 2-Methylnaphthalene	12.49	142	1489277	73.50	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	715053	95.93	ng		97
40) Hexachlorocyclopentadiene	12.85	237	399783	98.02	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	478365	99.37	ng		97
43) 2,4,5-Trichlorophenol	13.17	196	534136	97.74	ng	#	93
45) 1,1'-Biphenyl	13.49	154	1879703	87.22	ng		99
46) 2-Chloronaphthalene	13.54	162	1403525	90.08	ng		99
47) 2-Nitroaniline	13.73	65	431037	87.23	ng	#	66
48) Acenaphthylene	14.38	152	2395724	86.36	ng		97
49) Dimethylphthalate	14.11	163	1745561	85.55	ng		99
50) 2,6-Dinitrotoluene	14.23	165	448326	97.82	ng	#	62
51) Acenaphthene	14.72	154	1491433	81.41	ng		99
52) 3-Nitroaniline	14.56	138	487152	95.02	ng	#	68
53) 2,4-Dinitrophenol	14.77	184	273406	114.00	ng	#	80
54) Dibenzofuran	15.05	168	2065613	84.57	ng		92
55) 4-Nitrophenol	14.87	139	408454	97.90	ng	#	41
56) 2,4-Dinitrotoluene	15.02	165	630890	102.32	ng	#	72
57) Fluorene	15.70	166	1848439	84.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	465708	96.60	ng	#	99
59) Diethylphthalate	15.46	149	1790698	84.85	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	902261	89.22	ng		92
61) 4-Nitroaniline	15.72	138	514105	96.74	ng	#	54
62) Azobenzene	15.98	77	1474322	81.28	ng		81
64) 4,6-Dinitro-2-methylphenol	15.78	198	394317	94.50	ng		86
65) n-Nitrosodiphenylamine	15.90	169	1603819	74.17	ng		95
66) 4-Bromophenyl-phenylether	16.58	248	594723	79.58	ng		97
67) Hexachlorobenzene	16.71	284	621239	80.66	ng		94
68) Atrazine	16.84	200	634629	82.92	ng		97
69) Pentachlorophenol	17.04	266	421945	88.81	ng		97
70) Phenanthrene	17.44	178	2799217	72.32	ng		98
71) Anthracene	17.52	178	2893356	73.32	ng		95
72) Carbazole	17.79	167	2946017	74.31	ng		96
73) Di-n-butylphthalate	18.33	149	3031171	77.89	ng	#	96
74) Fluoranthene	19.43	202	3206321	75.23	ng		94
76) Benzidine	19.60	184	2041084	83.82	ng	#	93
77) Pyrene	19.79	202	3246364	66.54	ng		94
79) Butylbenzylphthalate	20.67	149	1404524	75.86	ng		88
80) Benzo(a)anthracene	21.62	228	3190576	70.84	ng		96
81) 3,3'-Dichlorobenzidine	21.53	252	1347690	83.94	ng	#	98
82) Chrysene	21.69	228	3042103	70.24	ng		95
83) Bis(2-ethylhexyl)phthalate	21.51	149	2048485	76.63	ng		96
84) Di-n-octyl phthalate	22.71	149	3518125	79.69	ng	#	83
85) Indeno(1,2,3-cd)pyrene	28.48	276	4143911	81.23	ng	#	87
87) Benzo(b)fluoranthene	23.82	252	3466793	75.43	ng	#	93
88) Benzo(k)fluoranthene	23.89	252	3296811	73.52	ng	#	96
89) Benzo(a)pyrene	24.68	252	3347442	76.92	ng	#	95
90) Dibenzo(a,h)anthracene	28.53	278	3446121	78.82	ng	#	90
91) Benzo(g,h,i)perylene	29.62	276	3511073	80.10	ng	#	85

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

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