Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031670.D
Acq On : 21 Dec 2017 12:55
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
12/22/2017 12:44:00 PM

Quant Time: Dec 21 13:33:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 12:17:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.84	152	59107	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	255737	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	172505	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	408754	20.00	ng	0.00
75) Chrysene-d12	22.57	240	435505	20.00	ng	0.00
86) Perylene-d12	26.37	264	475463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	512571	153.71	ng	0.00
7) Phenol-d6	7.93	99	673701	145.53	ng	0.00
23) Nitrobenzene-d5	10.04	82	578427	139.41	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	424150	209.87	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	1962806	167.02	ng	0.00
78) Terphenyl-d14	20.74	244	2592655	135.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	90520	56.892	ng	# 71
3) Pyridine	4.35	79	268054	63.988	ng	# 79
4) n-Nitrosodimethylamine	4.26	42	106908	54.181	ng	# 85
6) Aniline	8.13	93	432769	70.987	ng	91
8) 2-Chlorophenol	8.38	128	297633	80.018	ng	# 82
9) Benzaldehyde	7.93	77	170825m	63.662	ng	
10) Phenol	7.96	94	334121	70.260	ng	91
11) bis(2-Chloroethyl)ether	8.22	93	274832	70.808	ng	# 82
12) 1,3-Dichlorobenzene	8.72	146	366196	82.787	ng	# 93
13) 1,4-Dichlorobenzene	8.87	146	371464	80.803	ng	91
14) 1,2-Dichlorobenzene	9.21	146	356746	81.464	ng	96
15) Benzyl Alcohol	9.07	79	258577	71.405	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.37	45	229875	52.718	ng	83
17) 2-Methylphenol	9.27	107	244713	75.490	ng	95
18) Hexachloroethane	9.96	117	114230	73.715	ng	88
19) n-Nitroso-di-n-propylamine	9.66	70	225864	61.989	ng	# 83
20) 3+4-Methylphenols	9.61	107	346974	71.851	ng	93
22) Acetophenone	9.68	105	459018	74.818	ng	# 87
24) Nitrobenzene	10.08	77	294406	69.245	ng	# 83
25) Isophorone	10.61	82	571590	72.896	ng	# 85
26) 2-Nitrophenol	10.80	139	166612	79.250	ng	# 82
27) 2,4-Dimethylphenol	10.84	122	296411	92.811	ng	89
28) bis(2-Chloroethoxy)methane	11.09	93	377917	74.654	ng	# 94
29) 2,4-Dichlorophenol	11.35	162	358272	95.216	ng	90
30) 1,2,4-Trichlorobenzene	11.57	180	433415	90.175	ng	98
31) Naphthalene	11.77	128	997674	79.410	ng	99
32) Benzoic acid	11.00	122	229593	135.692	ng	84
33) 4-Chloroaniline	11.86	127	437076	80.123	ng	# 91
34) Hexachlorobutadiene	12.04	225	294985	92.526	ng	96
35) Caprolactam	12.64	113	106884	72.341	ng	# 50
36) 4-Chloro-3-methylphenol	12.93	107	326597	76.041	ng	# 82
37) 2-Methylnaphthalene	13.33	142	797733	82.007	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	553410	82.085	ng	# 97
40) Hexachlorocyclopentadiene	13.67	237	323426	205.929	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.91	196	337840	98.080	ng		98
43) 2,4,5-Trichlorophenol	13.98	196	368919	99.427	ng	#	91
45) 1,1'-Biphenyl	14.31	154	1116090	78.773	ng		93
46) 2-Chloronaphthalene	14.37	162	860016	82.932	ng		95
47) 2-Nitroaniline	14.54	65	169877	58.296	ng	#	61
48) Acenaphthylene	15.20	152	1340678	80.346	ng		97
49) Dimethylphthalate	14.91	163	1129909	79.117	ng	#	97
50) 2,6-Dinitrotoluene	15.02	165	245555	80.440	ng	#	67
51) Acenaphthene	15.53	154	906702	85.936	ng		96
52) 3-Nitroaniline	15.36	138	227328	73.054	ng	#	73
53) 2,4-Dinitrophenol	15.55	184	96289	96.497	ng	#	1
54) Dibenzofuran	15.86	168	1331793	79.101	ng		99
55) 4-Nitrophenol	15.63	139	184679	96.498	ng	#	67
56) 2,4-Dinitrotoluene	15.80	165	320927	74.019	ng	#	63
57) Fluorene	16.51	166	1061862	78.712	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	357347	102.460	ng	#	85
59) Diethylphthalate	16.25	149	1086979	75.931	ng		94
60) 4-Chlorophenyl-phenylether	16.49	204	668897	81.042	ng		92
61) 4-Nitroaniline	16.52	138	222429	68.114	ng		81
62) Azobenzene	16.79	77	718254	60.568	ng		82
64) 4,6-Dinitro-2-methylphenol	16.56	198	177293	77.446	ng	#	66
65) n-Nitrosodiphenylamine	16.70	169	1040906	87.001	ng		99
66) 4-Bromophenyl-phenylether	17.39	248	466046	98.050	ng	#	92
67) Hexachlorobenzene	17.50	284	473762	96.525	ng	#	92
68) Atrazine	17.63	200	394581	90.196	ng		97
69) Pentachlorophenol	17.84	266	359599	175.396	ng		98
70) Phenanthrene	18.25	178	1696668	79.478	ng		96
71) Anthracene	18.34	178	1707159	80.858	ng		97
72) Carbazole	18.60	167	1500360	78.527	ng		97
73) Di-n-butylphthalate	19.11	149	1668187	75.606	ng		98
74) Fluoranthene	20.21	202	1980658	74.138	ng		94
76) Benzidine	20.36	184	855780	84.438	ng	#	94
77) Pyrene	20.56	202	1997995m	73.834	ng		
79) Butylbenzylphthalate	21.45	149	756737	79.714	ng	#	77
80) Benzo(a)anthracene	22.55	228	2075361	78.951	ng		96
81) 3,3'-Dichlorobenzidine	22.44	252	797077	87.125	ng	#	96
82) Chrysene	22.63	228	1966130	78.021	ng		95
83) Bis(2-ethylhexyl)phthalate	22.41	149	1061408	77.714	ng	#	95
84) Di-n-octyl phthalate	23.85	149	1821666	80.859	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.80	276	2756890	102.367	ng	#	86
87) Benzo(b)fluoranthene	25.16	252	2256161	79.370	ng	#	97
88) Benzo(k)fluoranthene	25.24	252	2247106	77.463	ng	#	95
89) Benzo(a)pyrene	26.20	252	2173701	80.611	ng	#	98
90) Dibenzo(a,h)anthracene	30.90	278	2295394	89.016	ng		96
91) Benzo(g,h,i)perylene	30.80	276	2756890	108.748	ng	#	93

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

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