Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030618\
Data File : BG033034.D
Acq On : 6 Mar 2018 23:39
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/7/2018 12:11:06 PM

Quant Time: Mar 07 06:18:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	56217	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	264428	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	151380	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	330503	20.00	ng		0.00
75) Chrysene-d12	22.61	240	301495	20.00	ng		0.00
86) Perylene-d12	26.41	264	327360	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	271928	77.39	ng		0.00
7) Phenol-d6	8.01	99	379511	77.49	ng		0.00
23) Nitrobenzene-d5	10.11	82	343071	89.45	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	129411	81.30	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	755875	72.01	ng		0.00
78) Terphenyl-d14	20.77	244	946131	70.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	57573	37.753	ng		96
3) Pyridine	4.43	79	166786	39.680	ng		91
4) n-Nitrosodimethylamine	4.33	42	73501	43.616	ng	#	89
6) Aniline	8.20	93	246411	37.167	ng		99
8) 2-Chlorophenol	8.45	128	146674	38.135	ng		98
9) Benzaldehyde	8.01	77	93703	33.195	ng		96
10) Phenol	8.04	94	194168	39.327	ng		92
11) bis(2-Chloroethyl)ether	8.29	93	149613	37.058	ng		95
12) 1,3-Dichlorobenzene	8.80	146	165480	36.734	ng		98
13) 1,4-Dichlorobenzene	8.95	146	165497	36.497	ng		98
14) 1,2-Dichlorobenzene	9.28	146	156116	35.928	ng		94
15) Benzyl Alcohol	9.14	79	138530	38.473	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.43	45	289738	41.747	ng		99
17) 2-Methylphenol	9.34	107	138776	38.117	ng		97
18) Hexachloroethane	10.04	117	58696	38.018	ng	#	87
19) n-Nitroso-di-n-propylamine	9.72	70	129431	37.432	ng	#	91
20) 3+4-Methylphenols	9.68	107	195747	38.668	ng		95
22) Acetophenone	9.75	105	242871	36.368	ng	#	99
24) Nitrobenzene	10.16	77	181411	43.681	ng		91
25) Isophorone	10.67	82	332067	35.778	ng		95
26) 2-Nitrophenol	10.88	139	82758	53.416	ng		96
27) 2,4-Dimethylphenol	10.91	122	143315	35.545	ng		91
28) bis(2-Chloroethoxy)methane	11.16	93	192690	35.638	ng		95
29) 2,4-Dichlorophenol	11.42	162	138552	37.863	ng		94
30) 1,2,4-Trichlorobenzene	11.65	180	152485	35.549	ng		97
31) Naphthalene	11.85	128	494857	35.814	ng		98
32) Benzoic acid	11.02	122	112804	45.858	ng	#	84
33) 4-Chloroaniline	11.94	127	218278	35.331	ng		96
34) Hexachlorobutadiene	12.11	225	87395	36.323	ng		95
35) Caprolactam	12.68	113	55756	38.053	ng		93
36) 4-Chloro-3-methylphenol	12.99	107	169042	39.696	ng		92
37) 2-Methylnaphthalene	13.39	142	358526	35.865	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	163595	36.405	ng	#	97
40) Hexachlorocyclopentadiene	13.72	237	87630	38.263	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	108733	38.368	ng		99
43) 2,4,5-Trichlorophenol	14.04	196	125613	38.297	ng	#	93
45) 1,1'-Biphenyl	14.37	154	473652	35.806	ng		94
46) 2-Chloronaphthalene	14.42	162	351894	35.611	ng		96
47) 2-Nitroaniline	14.60	65	123642	49.284	ng		96
48) Acenaphthylene	15.26	152	582925	36.032	ng		99
49) Dimethylphthalate	14.95	163	455753	35.457	ng		99
50) 2,6-Dinitrotoluene	15.08	165	97963	46.409	ng		92
51) Acenaphthene	15.59	154	362196	35.948	ng		98
52) 3-Nitroaniline	15.41	138	110053	42.786	ng	#	90
53) 2,4-Dinitrophenol	15.61	184	27466	48.683	ng	#	1
54) Dibenzofuran	15.92	168	506467	35.303	ng		95
55) 4-Nitrophenol	15.68	139	69839	37.324	ng	#	82
56) 2,4-Dinitrotoluene	15.86	165	135503	53.088	ng	#	89
57) Fluorene	16.56	166	419236	35.406	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.13	232	99107m	38.918	ng		
59) Diethylphthalate	16.29	149	483787	35.685	ng		98
60) 4-Chlorophenyl-phenylether	16.54	204	207741	35.864	ng		91
61) 4-Nitroaniline	16.56	138	105680	39.085	ng		90
62) Azobenzene	16.83	77	441905	36.436	ng		97
64) 4,6-Dinitro-2-methylphenol	16.61	198	62158	59.056	ng		93
65) n-Nitrosodiphenylamine	16.74	169	385795	35.882	ng		100
66) 4-Bromophenyl-phenylether	17.42	248	125433	35.892	ng	#	87
67) Hexachlorobenzene	17.56	284	135316	35.830	ng		94
68) Atrazine	17.66	200	121807	34.418	ng		96
69) Pentachlorophenol	17.89	266	91435	38.437	ng		96
70) Phenanthrene	18.30	178	654663	35.505	ng		98
71) Anthracene	18.39	178	665729	35.963	ng		99
72) Carbazole	18.64	167	631073	34.586	ng		98
73) Di-n-butylphthalate	19.14	149	808540	36.121	ng		100
74) Fluoranthene	20.25	202	725295	35.609	ng		95
76) Benzidine	20.40	184	188933	18.384	ng		98
77) Pyrene	20.60	202	752675	35.401	ng		97
79) Butylbenzylphthalate	21.47	149	370603	39.314	ng		92
80) Benzo(a)anthracene	22.59	228	700465	36.231	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	240449	33.580	ng	#	98
82) Chrysene	22.66	228	669257	36.238	ng		99
83) Bis(2-ethylhexyl)phthalate	22.41	149	535200	38.355	ng	#	95
84) Di-n-octyl phthalate	23.83	149	851949	40.056	ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	707555m	32.851	ng		
87) Benzo(b)fluoranthene	25.19	252	678716	35.065	ng	#	96
88) Benzo(k)fluoranthene	25.27	252	700826	36.432	ng	#	97
89) Benzo(a)pyrene	26.23	252	654280	35.539	ng	#	96
90) Dibenzo(a,h)anthracene	30.91	278	564130	30.443	ng	#	94
91) Benzo(g,h,i)perylene	32.22	276	589806	32.288	ng	#	91

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

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