Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
Data File : BG040326.D
Acq On : 3 Apr 2019 15:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
4/4/2019 4:46:20 AM

Quant Time: Apr 04 01:32:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54636	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	234936	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	153932	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	415478	20.00	ng		-0.02
76) Chrysene-d12	21.71	240	429595	20.00	ng		-0.02
87) Perylene-d12	24.99	264	427307	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	276793	84.22	ng		-0.02
7) Phenol-d6	7.20	99	380084	83.68	ng		-0.02
23) Nitrobenzene-d5	9.22	82	354949	80.31	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	166016	99.79	ng		-0.02
45) 2-Fluorobiphenyl	13.31	172	840998	80.96	ng		-0.02
79) Terphenyl-d14	20.03	244	1485599	77.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	62385	40.369	ng		99
3) Pyridine	3.90	79	177786	42.728	ng		100
4) n-Nitrosodimethylamine	3.82	42	76914	39.962	ng	#	89
6) Aniline	7.38	93	236682	40.108	ng		98
8) 2-Chlorophenol	7.61	128	157339	40.897	ng		96
9) Benzaldehyde	7.20	77	118948	38.178	ng		96
10) Phenol	7.23	94	202901	41.156	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	156443	39.619	ng		97
12) 1,3-Dichlorobenzene	7.94	146	170158	40.687	ng		93
13) 1,4-Dichlorobenzene	8.09	146	171684	41.217	ng		98
14) 1,2-Dichlorobenzene	8.41	146	162813	40.874	ng		99
15) Benzyl Alcohol	8.29	79	140351	38.369	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	290294	38.306	ng		99
17) 2-Methylphenol	8.49	107	136505	40.014	ng		97
18) Hexachloroethane	9.13	117	64741	40.861	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	126040	38.704	ng		97
20) 3+4-Methylphenols	8.82	107	189732	41.054	ng		98
22) Acetophenone	8.88	105	235073	40.112	ng		96
24) Nitrobenzene	9.27	77	181987	39.761	ng		96
25) Isophorone	9.78	82	375852	41.328	ng		98
26) 2-Nitrophenol	9.98	139	94229	43.448	ng		96
27) 2,4-Dimethylphenol	10.02	122	142674	41.416	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	219355	40.769	ng		99
29) 2,4-Dichlorophenol	10.51	162	161919	43.303	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	169294	41.233	ng		97
31) Naphthalene	10.91	128	498817	41.422	ng		99
32) Benzoic acid	10.13	122	44548m	21.403	ng		
33) 4-Chloroaniline	11.03	127	216061	42.063	ng		96
34) Hexachlorobutadiene	11.18	225	107157	40.808	ng		96
35) Caprolactam	11.82	113	68965	46.476	ng		98
36) 4-Chloro-3-methylphenol	12.14	107	190669	44.355	ng		98
37) 2-Methylnaphthalene	12.51	142	370335	41.582	ng		99
38) 1-Methylnaphthalene	12.74	142	361793	41.892	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	193986	39.650	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	106785	39.751 ng	95
43) 2,4,6-Trichlorophenol	13.12	196	139768	44.310 ng	98
44) 2,4,5-Trichlorophenol	13.19	196	154973	45.074 ng	97
46) 1,1'-Biphenyl	13.52	154	490121	40.297 ng	97
47) 2-Chloronaphthalene	13.56	162	376816	40.390 ng	100
48) 2-Nitroaniline	13.78	65	133848	42.533 ng	99
49) Acenaphthylene	14.41	152	665100	42.047 ng	99
50) Dimethylphthalate	14.13	163	530023	43.995 ng	99
51) 2,6-Dinitrotoluene	14.26	165	122422	45.257 ng	98
52) Acenaphthene	14.75	154	374018	41.264 ng	97
53) 3-Nitroaniline	14.60	138	131288	45.851 ng	95
54) 2,4-Dinitrophenol	14.80	184	73016	50.754 ng	98
55) Dibenzofuran	15.08	168	624074	42.849 ng	99
56) 4-Nitrophenol	14.90	139	111210	48.122 ng	98
57) 2,4-Dinitrotoluene	15.05	165	178713	47.546 ng	97
58) Fluorene	15.73	166	500053	43.670 ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	147778	47.365 ng	97
60) Diethylphthalate	15.49	149	574342	46.589 ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	267783	43.750 ng	99
62) 4-Nitroaniline	15.77	138	148933	48.467 ng	98
63) Azobenzene	16.01	77	507512	43.644 ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	90592	38.810 ng	97
66) n-Nitrosodiphenylamine	15.93	169	471258	38.761 ng	99
67) 4-Bromophenyl-phenylether	16.61	248	179100	38.306 ng	93
68) Hexachlorobenzene	16.73	284	186989	39.776 ng	98
69) Atrazine	16.88	200	195476	43.221 ng	98
70) Pentachlorophenol	17.07	266	157963	58.120 ng	93
71) Phenanthrene	17.47	178	895040	40.985 ng	100
72) Anthracene	17.57	178	900941	41.217 ng	100
73) Carbazole	17.84	167	898447	43.432 ng	99
74) Di-n-butylphthalate	18.37	149	1105120	45.069 ng	99
75) Fluoranthene	19.48	202	1124770	43.496 ng	99
77) Benzidine	19.66	184	776079	50.027 ng	100
78) Pyrene	19.84	202	1139720	40.343 ng	99
80) Butylbenzylphthalate	20.71	149	510449	42.225 ng	97
81) Benzo(a)anthracene	21.68	228	1074360	40.602 ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	424352	42.158 ng	99
83) Chrysene	21.75	228	1030315	40.515 ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	740025	42.824 ng	99
85) Di-n-octyl phthalate	22.78	149	1214621	41.255 ng	100
86) Indeno(1,2,3-cd)pyrene	28.76	276	1254285	40.327 ng	99
88) Benzo(b)fluoranthene	23.94	252	1081982	41.358 ng	98
89) Benzo(k)fluoranthene	24.01	252	1019352	42.370 ng	98
90) Benzo(a)pyrene	24.83	252	1045415	42.590 ng	99
91) Dibenzo(a,h)anthracene	28.82	278	1001227	43.918 ng	99
92) Benzo(g,h,i)perylene	29.95	276	1023836	43.699 ng	100

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

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