Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
Data File : BG033846.D
Acq On : 17 Apr 2018 15:58
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/18/2018 3:03:34 PM

Quant Time: Apr 18 10:54:54 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 11:44:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	30361	20.00	ng		-0.03
21) Naphthalene-d8	11.71	136	134614	20.00	ng		-0.03
38) Acenaphthene-d10	15.45	164	106054	20.00	ng		-0.02
63) Phenanthrene-d10	18.19	188	281689	20.00	ng		-0.02
75) Chrysene-d12	22.54	240	274534	20.00	ng		-0.02
86) Perylene-d12	26.31	264	297910	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.26	112	129519m	79.99	ng		-0.03
7) Phenol-d6	7.96	99	211355	75.97	ng		-0.03
23) Nitrobenzene-d5	10.04	82	229788	78.43	ng		-0.02
41) 2,4,6-Tribromophenol	16.93	330	133299	84.04	ng		-0.02
44) 2-Fluorobiphenyl	14.08	172	620901	84.52	ng		-0.02
78) Terphenyl-d14	20.71	244	1040327	81.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	33914	41.245	ng		92
3) Pyridine	4.37	79	84624m	37.230	ng		
4) n-Nitrosodimethylamine	4.31	42	39052m	41.865	ng		
6) Aniline	8.13	93	113160	34.588	ng	#	94
8) 2-Chlorophenol	8.38	128	77763m	42.011	ng		
9) Benzaldehyde	7.96	77	63899m	36.142	ng		
10) Phenol	7.98	94	117380m	42.734	ng		
11) bis(2-Chloroethyl)ether	8.21	93	76800	34.256	ng	#	70
12) 1,3-Dichlorobenzene	8.71	146	95245	39.357	ng	#	94
13) 1,4-Dichlorobenzene	8.87	146	81254	33.526	ng		99
14) 1,2-Dichlorobenzene	9.19	146	99042	41.870	ng		92
15) Benzyl Alcohol	9.08	79	84644m	38.643	ng		
16) 2,2'-oxybis(1-Chloropropan	9.34	45	170447	46.635	ng		73
17) 2-Methylphenol	9.28	107	63237m	33.796	ng		
18) Hexachloroethane	9.94	117	43444	46.444	ng		98
19) n-Nitroso-di-n-propylamine	9.63	70	88228	43.279	ng		97
20) 3+4-Methylphenols	9.62	107	86490	32.464	ng		82
22) Acetophenone	9.68	105	145975	39.581	ng	#	92
24) Nitrobenzene	10.08	77	121160	38.634	ng		92
25) Isophorone	10.58	82	246729	43.388	ng		98
26) 2-Nitrophenol	10.81	139	49882m	42.012	ng		
27) 2,4-Dimethylphenol	10.85	122	73640m	42.694	ng		
28) bis(2-Chloroethoxy)methane	11.08	93	109900m	38.734	ng		
29) 2,4-Dichlorophenol	11.36	162	90847m	42.828	ng		
30) 1,2,4-Trichlorobenzene	11.56	180	116864	42.404	ng		96
31) Naphthalene	11.76	128	320616	45.962	ng		96
32) Benzoic acid	10.98	122	8849m	5.519	ng		
33) 4-Chloroaniline	11.88	127	111509m	35.680	ng		
34) Hexachlorobutadiene	12.01	225	89038	42.722	ng		92
35) Caprolactam	12.61	113	30421	36.607	ng		94
36) 4-Chloro-3-methylphenol	12.94	107	110475	39.932	ng		89
37) 2-Methylnaphthalene	13.31	142	222739	41.139	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.67	216	156515	40.743	ng		99
40) Hexachlorocyclopentadiene	13.63	237	75874	33.692	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.91	196	83027	37.199	ng		94
43) 2,4,5-Trichlorophenol	13.99	196	125359	47.517	ng		98
45) 1,1'-Biphenyl	14.29	154	337885	41.469	ng		99
46) 2-Chloronaphthalene	14.35	162	258479	41.143	ng		96
47) 2-Nitroaniline	14.56	65	99844	42.431	ng		87
48) Acenaphthylene	15.18	152	434846	41.467	ng		97
49) Dimethylphthalate	14.88	163	391714	42.441	ng		99
50) 2,6-Dinitrotoluene	15.01	165	73868	39.142	ng	#	90
51) Acenaphthene	15.51	154	273929	40.522	ng		96
52) 3-Nitroaniline	15.38	138	75588	38.204	ng	#	96
53) 2,4-Dinitrophenol	15.61	184	16654m	23.056	ng		
54) Dibenzofuran	15.85	168	417790	41.840	ng		90
55) 4-Nitrophenol	15.70	139	39964m	28.725	ng		
56) 2,4-Dinitrotoluene	15.80	165	113167	40.727	ng		98
57) Fluorene	16.49	166	365160	42.925	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.06	232	114898	46.262	ng	#	92
59) Diethylphthalate	16.21	149	383462	42.787	ng		96
60) 4-Chlorophenyl-phenylether	16.46	204	202464	41.403	ng		98
61) 4-Nitroaniline	16.55	138	56883m	28.391	ng		
62) Azobenzene	16.76	77	374979	43.193	ng		95
64) 4,6-Dinitro-2-methylphenol	16.56	198	56222m	33.363	ng		
65) n-Nitrosodiphenylamine	16.68	169	332330	41.325	ng		98
66) 4-Bromophenyl-phenylether	17.36	248	134699	40.717	ng		92
67) Hexachlorobenzene	17.49	284	142655	40.860	ng		96
68) Atrazine	17.60	200	125774	38.596	ng		95
69) Pentachlorophenol	17.83	266	80462	33.578	ng		96
70) Phenanthrene	18.23	178	579592	39.508	ng		99
71) Anthracene	18.32	178	604245	40.679	ng		99
72) Carbazole	18.59	167	519736	39.485	ng		98
73) Di-n-butylphthalate	19.07	149	648002	42.295	ng	#	98
74) Fluoranthene	20.19	202	722576	39.802	ng		97
76) Benzidine	20.37	184	86345m	11.598	ng		
77) Pyrene	20.55	202	729542	39.844	ng		97
79) Butylbenzylphthalate	21.40	149	282457	41.804	ng		96
80) Benzo(a)anthracene	22.51	228	696510	39.843	ng		99
81) 3,3'-Dichlorobenzidine	22.41	252	242106	38.920	ng		93
82) Chrysene	22.59	228	689088	40.722	ng		97
83) Bis(2-ethylhexyl)phthalate	22.33	149	409012	43.913	ng		97
84) Di-n-octyl phthalate	23.73	149	660267	46.298	ng		99
85) Indeno(1,2,3-cd)pyrene	30.71	276	790103	43.185	ng	#	89
87) Benzo(b)fluoranthene	25.09	252	679499	39.479	ng	#	98
88) Benzo(k)fluoranthene	25.17	252	731163	42.002	ng	#	98
89) Benzo(a)pyrene	26.13	252	680955	41.198	ng	#	97
90) Dibenzo(a,h)anthracene	30.78	278	666575	42.813	ng	#	95
91) Benzo(g,h,i)perylene	32.08	276	651707	42.270	ng	#	92

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

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