Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
Data File : BG043862.D
Acq On : 30 Dec 2019 11:25
Operator : JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Dec 30 12:03:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 11:43:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	145785	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	618092	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	395310	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	773816	20.00	ng	0.00
76) Chrysene-d12	21.59	240	643127	20.00	ng	0.00
87) Perylene-d12	24.72	264	742364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	863953	108.11	ng	0.00
7) Phenol-d6	7.13	99	1210737	107.33	ng	0.00
23) Nitrobenzene-d5	9.12	82	1207231	108.59	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	450483	108.16	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2347918	106.06	ng	0.00
79) Terphenyl-d14	19.96	244	2701158	93.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	180894	52.538	ng	100
3) Pyridine	3.83	79	571024	55.504	ng	97
4) n-Nitrosodimethylamine	3.75	42	244941	53.781	ng	98
6) Aniline	7.29	93	801583	54.048	ng	98
8) 2-Chlorophenol	7.53	128	506486	54.110	ng	99
9) Benzaldehyde	7.09	77	349184	47.237	ng	95
10) Phenol	7.15	94	626364	53.875	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	539094	53.665	ng	97
12) 1,3-Dichlorobenzene	7.85	146	589091	53.885	ng	97
13) 1,4-Dichlorobenzene	8.00	146	580756	53.313	ng	98
14) 1,2-Dichlorobenzene	8.32	146	560565	53.670	ng	98
15) Benzyl Alcohol	8.20	79	485184	54.643	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	833981	53.482	ng	99
17) 2-Methylphenol	8.40	107	455569	54.075	ng	98
18) Hexachloroethane	9.05	117	226164	53.971	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	455253	54.039	ng	99
20) 3+4-Methylphenols	8.73	107	638448	54.704	ng	96
22) Acetophenone	8.79	105	826257	53.405	ng	99
24) Nitrobenzene	9.16	77	613051	53.857	ng	100
25) Isophorone	9.69	82	1172448	53.879	ng	98
26) 2-Nitrophenol	9.87	139	304231	57.617	ng	98
27) 2,4-Dimethylphenol	9.94	122	444568	54.689	ng	100
28) bis(2-Chloroethoxy)methane	10.17	93	783254	54.098	ng	98
29) 2,4-Dichlorophenol	10.41	162	532146	54.890	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	583953	53.967	ng	97
31) Naphthalene	10.82	128	1617036	54.003	ng	98
32) Benzoic acid	10.09	122	374909	59.310	ng	95
33) 4-Chloroaniline	10.92	127	772806	53.817	ng	99
34) Hexachlorobutadiene	11.11	225	359743	54.931	ng	99
35) Caprolactam	11.70	113	194974	53.838	ng	97
36) 4-Chloro-3-methylphenol	12.04	107	562616	53.880	ng	98
37) 2-Methylnaphthalene	12.42	142	1206529	53.387	ng	98
38) 1-Methylnaphthalene	12.64	142	1154104	53.799	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	626279	54.505	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	334635	54.542 ng		99
43) 2,4,6-Trichlorophenol	13.03	196	439523	55.265 ng		98
44) 2,4,5-Trichlorophenol	13.10	196	447682	54.949 ng		99
46) 1,1'-Biphenyl	13.43	154	1531536	53.966 ng		97
47) 2-Chloronaphthalene	13.47	162	1233163	53.893 ng		99
48) 2-Nitroaniline	13.66	65	398892	54.428 ng		97
49) Acenaphthylene	14.32	152	1762925	53.145 ng		98
50) Dimethylphthalate	14.05	163	1503232	53.219 ng		99
51) 2,6-Dinitrotoluene	14.16	165	343946	53.873 ng		99
52) Acenaphthene	14.66	154	1259148	54.332 ng		98
53) 3-Nitroaniline	14.49	138	392803	54.413 ng		100
54) 2,4-Dinitrophenol	14.69	184	162574	57.513 ng		91
55) Dibenzofuran	15.00	168	1696134	52.972 ng		97
56) 4-Nitrophenol	14.80	139	302158	54.581 ng		99
57) 2,4-Dinitrotoluene	14.95	165	465434	54.089 ng		97
58) Fluorene	15.64	166	1341640	52.834 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	382694	53.784 ng		99
60) Diethylphthalate	15.42	149	1496260	53.057 ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	731300	53.557 ng		99
62) 4-Nitroaniline	15.66	138	373352	52.731 ng		98
63) Azobenzene	15.93	77	1390200	53.056 ng		97
65) 4,6-Dinitro-2-methylphenol	15.71	198	213687	58.180 ng		99
66) n-Nitrosodiphenylamine	15.85	169	1236430	54.341 ng		99
67) 4-Bromophenyl-phenylether	16.53	248	472509	54.720 ng		99
68) Hexachlorobenzene	16.65	284	505196	54.009 ng		98
69) Atrazine	16.80	200	396467	53.134 ng		100
70) Pentachlorophenol	16.99	266	291328	56.883 ng		100
71) Phenanthrene	17.38	178	1963970	52.894 ng		96
72) Anthracene	17.47	178	1949915	53.045 ng		97
73) Carbazole	17.74	167	1789937	53.241 ng		98
74) Di-n-butylphthalate	18.31	149	2166714	53.589 ng		98
75) Fluoranthene	19.39	202	2127504	53.132 ng		98
77) Benzidine	19.56	184	955165	55.643 ng		96
78) Pyrene	19.75	202	2116430	52.363 ng		95
80) Butylbenzylphthalate	20.64	149	1087228	55.129 ng		99
81) Benzo(a)anthracene	21.57	228	2138681	53.654 ng		98
82) 3,3'-Dichlorobenzidine	21.49	252	864133	54.634 ng		98
83) Chrysene	21.64	228	2021833	53.325 ng		97
84) Bis(2-ethylhexyl)phthalate	21.50	149	1491568	54.487 ng		99
85) Di-n-octyl phthalate	22.69	149	2533044	55.016 ng		99
86) Indeno(1,2,3-cd)pyrene	28.28	276	2785336	53.909 ng	#	93
88) Benzo(b)fluoranthene	23.73	252	2361004	54.172 ng		100
89) Benzo(k)fluoranthene	23.80	252	2229315	53.326 ng		98
90) Benzo(a)pyrene	24.58	252	2240988	54.341 ng		99
91) Dibenzo(a,h)anthracene	28.35	278	2243250	53.774 ng		99
92) Benzo(g,h,i)perylene	29.38	276	2216632	53.762 ng		99

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

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