Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041093.D
Acq On : 6 Jun 2019 16:15
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 06 23:17:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	40658	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	152279	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	104891	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	270268	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	287232	20.00	ng	-0.02
87) Perylene-d12	25.10	264	326063	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	173237	76.83	ng	0.00
7) Phenol-d6	7.25	99	247057	70.95	ng	-0.02
23) Nitrobenzene-d5	9.29	82	279808	81.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	130225	83.63	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	603773	82.90	ng	-0.02
79) Terphenyl-d14	20.08	244	1131608	83.61	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	39314	38.424	ng	98
3) Pyridine	3.92	79	111251	36.747	ng	96
4) n-Nitrosodimethylamine	3.84	42	59273	42.184	ng	89
6) Aniline	7.43	93	169627	36.494	ng	99
8) 2-Chlorophenol	7.67	128	96227	35.798	ng	98
9) Benzaldehyde	7.25	77	76588	36.870	ng	97
10) Phenol	7.28	94	132051	35.368	ng	97
11) bis(2-Chloroethyl)ether	7.53	93	97742	36.086	ng	98
12) 1,3-Dichlorobenzene	8.00	146	125255	39.013	ng	95
13) 1,4-Dichlorobenzene	8.15	146	127000	39.079	ng	95
14) 1,2-Dichlorobenzene	8.47	146	122085	38.691	ng	97
15) Benzyl Alcohol	8.35	79	111160	34.509	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	154367	34.877	ng	100
17) 2-Methylphenol	8.55	107	92377	34.172	ng	98
18) Hexachloroethane	9.20	117	49141	39.233	ng	98
19) n-Nitroso-di-n-propylamine	8.92	70	87045	32.482	ng	92
20) 3+4-Methylphenols	8.87	107	129354	34.544	ng	98
22) Acetophenone	8.94	105	172140	40.298	ng	98
24) Nitrobenzene	9.33	77	139065	39.782	ng	97
25) Isophorone	9.84	82	245067	37.541	ng	99
26) 2-Nitrophenol	10.04	139	58064	40.292	ng	91
27) 2,4-Dimethylphenol	10.08	122	91313	38.366	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	131742	37.392	ng	99
29) 2,4-Dichlorophenol	10.57	162	113152	37.438	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	138704	40.342	ng	98
31) Naphthalene	10.99	128	325254	39.782	ng	100
32) Benzoic acid	10.21	122	66020	37.762	ng	90
33) 4-Chloroaniline	11.10	127	142169	37.476	ng	98
34) Hexachlorobutadiene	11.25	225	108923	41.404	ng	97
35) Caprolactam	11.88	113	35389	35.458	ng	88
36) 4-Chloro-3-methylphenol	12.19	107	125674	36.409	ng	98
37) 2-Methylnaphthalene	12.58	142	236688	37.587	ng	97
38) 1-Methylnaphthalene	12.80	142	223521	37.669	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	176667	41.788	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	50369	28.118	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	108916	39.824	ng		98
44) 2,4,5-Trichlorophenol	13.25	196	113707	39.422	ng		99
46) 1,1'-Biphenyl	13.58	154	310901	40.043	ng		97
47) 2-Chloronaphthalene	13.63	162	270152	40.530	ng		99
48) 2-Nitroaniline	13.83	65	100395	41.985	ng		98
49) Acenaphthylene	14.47	152	403365	40.208	ng		99
50) Dimethylphthalate	14.19	163	339804	38.270	ng		97
51) 2,6-Dinitrotoluene	14.32	165	74717	39.029	ng		95
52) Acenaphthene	14.81	154	239835	39.464	ng		97
53) 3-Nitroaniline	14.66	138	77166	40.310	ng		95
54) 2,4-Dinitrophenol	14.86	184	26814	37.450	ng		96
55) Dibenzofuran	15.14	168	408252	39.923	ng		96
56) 4-Nitrophenol	14.94	139	57536	43.818	ng		88
57) 2,4-Dinitrotoluene	15.10	165	107083	39.598	ng	#	97
58) Fluorene	15.79	166	317400	38.974	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	115634	40.794	ng		98
60) Diethylphthalate	15.54	149	341916	37.733	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	202660	38.286	ng		94
62) 4-Nitroaniline	15.82	138	84119	41.506	ng		94
63) Azobenzene	16.07	77	318872	38.718	ng		96
65) 4,6-Dinitro-2-methylphenol	15.87	198	46991	35.230	ng		95
66) n-Nitrosodiphenylamine	15.99	169	289425	38.095	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	135459	37.139	ng		95
68) Hexachlorobenzene	16.78	284	145714	37.518	ng		98
69) Atrazine	16.93	200	119567	40.786	ng		98
70) Pentachlorophenol	17.13	266	86549	43.641	ng		98
71) Phenanthrene	17.53	178	565849	40.194	ng		98
72) Anthracene	17.62	178	573826	41.328	ng		99
73) Carbazole	17.89	167	504115	42.315	ng		98
74) Di-n-butylphthalate	18.43	149	596432	40.280	ng		99
75) Fluoranthene	19.53	202	739407	42.523	ng		100
77) Benzidine	19.71	184	335699	48.993	ng		98
78) Pyrene	19.90	202	753770	40.369	ng		97
80) Butylbenzylphthalate	20.76	149	284898	39.208	ng		98
81) Benzo(a)anthracene	21.75	228	786119	41.115	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	290131	43.143	ng		98
83) Chrysene	21.82	228	741511	40.526	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	405409	39.634	ng		99
85) Di-n-octyl phthalate	22.86	149	700109	41.096	ng		99
86) Indeno(1,2,3-cd)pyrene	28.93	276	923246	41.192	ng	#	98
88) Benzo(b)fluoranthene	24.03	252	780613	39.471	ng		99
89) Benzo(k)fluoranthene	24.10	252	751990	38.425	ng		98
90) Benzo(a)pyrene	24.94	252	732727	38.833	ng		95
91) Dibenzo(a,h)anthracene	29.00	278	744041	39.464	ng		99
92) Benzo(g,h,i)perylene	30.14	276	724026	39.528	ng		98

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

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