Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041296.D
Acq On : 18 Jun 2019 14:19
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 18 16:24:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34092	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	137247	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	94952	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	239517	20.00	ng		0.00
76) Chrysene-d12	21.74	240	253862	20.00	ng		0.00
87) Perylene-d12	25.05	264	267080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	163370	88.05	ng		0.00
7) Phenol-d6	7.23	99	230805	85.82	ng		0.00
23) Nitrobenzene-d5	9.26	82	271648	83.24	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	119944	82.28	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	600627	85.97	ng		0.00
79) Terphenyl-d14	20.06	244	1081962	84.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	40150	43.154	ng		98
3) Pyridine	3.89	79	104531	42.351	ng		96
4) n-Nitrosodimethylamine	3.82	42	53856	40.916	ng		96
6) Aniline	7.41	93	154406	41.304	ng		96
8) 2-Chlorophenol	7.64	128	92846	42.587	ng		99
9) Benzaldehyde	7.22	77	70864	41.195	ng		94
10) Phenol	7.26	94	121138	41.885	ng		98
11) bis(2-Chloroethyl)ether	7.50	93	95404	43.476	ng		93
12) 1,3-Dichlorobenzene	7.96	146	116463	42.664	ng		91
13) 1,4-Dichlorobenzene	8.12	146	117335	42.080	ng		97
14) 1,2-Dichlorobenzene	8.43	146	111877	42.006	ng		95
15) Benzyl Alcohol	8.32	79	105422	40.912	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	152399	42.424	ng		99
17) 2-Methylphenol	8.52	107	86975	42.065	ng		97
18) Hexachloroethane	9.16	117	46960	42.499	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	88220	40.557	ng		98
20) 3+4-Methylphenols	8.85	107	118185	42.937	ng		96
22) Acetophenone	8.91	105	166460	41.678	ng	#	96
24) Nitrobenzene	9.30	77	137833	41.995	ng		98
25) Isophorone	9.81	82	244392	40.819	ng		98
26) 2-Nitrophenol	10.01	139	57396	43.135	ng		98
27) 2,4-Dimethylphenol	10.06	122	85026	42.629	ng		93
28) bis(2-Chloroethoxy)methane	10.30	93	127969	41.021	ng		96
29) 2,4-Dichlorophenol	10.54	162	105063	42.482	ng		94
30) 1,2,4-Trichlorobenzene	10.76	180	133827	42.252	ng		94
31) Naphthalene	10.95	128	310296	41.599	ng		99
32) Benzoic acid	10.19	122	50805	39.129	ng		98
33) 4-Chloroaniline	11.07	127	131578	41.535	ng		97
34) Hexachlorobutadiene	11.21	225	104880	41.716	ng		97
35) Caprolactam	11.85	113	33229	39.029	ng		94
36) 4-Chloro-3-methylphenol	12.18	107	117918	41.279	ng		99
37) 2-Methylnaphthalene	12.55	142	225743	41.090	ng		97
38) 1-Methylnaphthalene	12.77	142	213577	40.633	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	170450	43.473	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	98880	37.440	ng		94
43) 2,4,6-Trichlorophenol	13.15	196	104951	43.270	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	106436	42.648	ng		97
46) 1,1'-Biphenyl	13.55	154	306469	42.694	ng		99
47) 2-Chloronaphthalene	13.60	162	266462	43.116	ng		99
48) 2-Nitroaniline	13.81	65	93220	41.186	ng		93
49) Acenaphthylene	14.44	152	390328	41.621	ng		99
50) Dimethylphthalate	14.16	163	350349	41.469	ng		99
51) 2,6-Dinitrotoluene	14.30	165	72807	40.871	ng		97
52) Acenaphthene	14.78	154	228079	41.417	ng		97
53) 3-Nitroaniline	14.63	138	72153	41.111	ng		97
54) 2,4-Dinitrophenol	14.84	184	45951	38.547	ng		92
55) Dibenzofuran	15.11	168	398256	41.595	ng		98
56) 4-Nitrophenol	14.93	139	50850	39.821	ng		97
57) 2,4-Dinitrotoluene	15.09	165	105566	40.539	ng	#	98
58) Fluorene	15.76	166	311491	41.356	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.34	232	104448	40.471	ng	#	97
60) Diethylphthalate	15.51	149	351394	40.921	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	198960	40.600	ng		97
62) 4-Nitroaniline	15.80	138	77911	41.505	ng		98
63) Azobenzene	16.04	77	314290	41.026	ng		98
65) 4,6-Dinitro-2-methylphenol	15.84	198	54701	35.185	ng		98
66) n-Nitrosodiphenylamine	15.97	169	276270	43.440	ng		100
67) 4-Bromophenyl-phenylether	16.64	248	134517	43.434	ng		99
68) Hexachlorobenzene	16.75	284	142313	42.912	ng		95
69) Atrazine	16.91	200	99962	43.455	ng		98
70) Pentachlorophenol	17.11	266	70005	41.223	ng		96
71) Phenanthrene	17.51	178	541781	42.412	ng		99
72) Anthracene	17.59	178	539032	42.802	ng		99
73) Carbazole	17.87	167	470766	42.732	ng		98
74) Di-n-butylphthalate	18.40	149	591797	43.052	ng		98
75) Fluoranthene	19.51	202	722280	42.560	ng		100
77) Benzidine	19.69	184	255876	41.671	ng		98
78) Pyrene	19.87	202	723785	42.276	ng		99
80) Butylbenzylphthalate	20.74	149	282155	43.570	ng		99
81) Benzo(a)anthracene	21.72	228	725611	42.214	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	262428	43.492	ng		99
83) Chrysene	21.79	228	696164	42.115	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	375230	42.518	ng	#	98
85) Di-n-octyl phthalate	22.82	149	635713	42.577	ng		100
86) Indeno(1,2,3-cd)pyrene	28.86	276	804957	41.045	ng	#	98
88) Benzo(b)fluoranthene	23.99	252	702089	42.417	ng		99
89) Benzo(k)fluoranthene	24.06	252	678021	41.350	ng		99
90) Benzo(a)pyrene	24.90	252	658974	42.156	ng		98
91) Dibenzo(a,h)anthracene	28.92	278	655648	41.662	ng		99
92) Benzo(g,h,i)perylene	30.06	276	629105	40.451	ng		97

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

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