Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041314.D
Acq On : 19 Jun 2019 2:58
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 19 05:31:26 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	34218	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	138708	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	95914	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	245239	20.00	ng		0.00
76) Chrysene-d12	21.74	240	255128	20.00	ng		0.00
87) Perylene-d12	25.05	264	273305	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	158263	84.98	ng		0.00
7) Phenol-d6	7.23	99	234152	86.74	ng		0.00
23) Nitrobenzene-d5	9.26	82	279967	84.89	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	122750	83.36	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	623996	88.42	ng		0.00
79) Terphenyl-d14	20.06	244	1089597	84.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	36518	39.105	ng		98
3) Pyridine	3.89	79	103775	41.890	ng		96
4) n-Nitrosodimethylamine	3.81	42	55447	41.970	ng		90
6) Aniline	7.40	93	154344	41.135	ng		98
8) 2-Chlorophenol	7.64	128	90422	41.322	ng		94
9) Benzaldehyde	7.22	77	74995	43.436	ng		89
10) Phenol	7.26	94	123055	42.392	ng		98
11) bis(2-Chloroethyl)ether	7.50	93	90887	41.265	ng		96
12) 1,3-Dichlorobenzene	7.96	146	116713	42.598	ng		95
13) 1,4-Dichlorobenzene	8.11	146	118913	42.488	ng		98
14) 1,2-Dichlorobenzene	8.43	146	114283	42.752	ng		97
15) Benzyl Alcohol	8.32	79	105993	40.982	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	151278	41.957	ng		99
17) 2-Methylphenol	8.52	107	87812	42.313	ng		98
18) Hexachloroethane	9.16	117	47462	42.795	ng		96
19) n-Nitroso-di-n-propylamine	8.88	70	92111	42.190	ng		99
20) 3+4-Methylphenols	8.85	107	120509	43.620	ng		97
22) Acetophenone	8.91	105	168339	41.705	ng	#	98
24) Nitrobenzene	9.30	77	142138	42.851	ng		98
25) Isophorone	9.82	82	252036	41.653	ng		99
26) 2-Nitrophenol	10.01	139	59779	44.452	ng		97
27) 2,4-Dimethylphenol	10.06	122	86685	43.003	ng		94
28) bis(2-Chloroethoxy)methane	10.30	93	131532	41.719	ng		98
29) 2,4-Dichlorophenol	10.55	162	110993	44.407	ng		95
30) 1,2,4-Trichlorobenzene	10.76	180	137093	42.827	ng		92
31) Naphthalene	10.95	128	315656	41.872	ng		99
32) Benzoic acid	10.21	122	57002	43.439	ng		94
33) 4-Chloroaniline	11.07	127	135416	42.296	ng		97
34) Hexachlorobutadiene	11.21	225	108998	42.897	ng		95
35) Caprolactam	11.86	113	32750	38.061	ng		92
36) 4-Chloro-3-methylphenol	12.17	107	120904	41.878	ng		98
37) 2-Methylnaphthalene	12.55	142	234636	42.259	ng		99
38) 1-Methylnaphthalene	12.77	142	221137	41.628	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	176640	44.600	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	87762	32.897 ng		98
43) 2,4,6-Trichlorophenol	13.15	196	109436	44.667 ng		98
44) 2,4,5-Trichlorophenol	13.23	196	111137	44.085 ng		98
46) 1,1'-Biphenyl	13.55	154	318804	43.967 ng		100
47) 2-Chloronaphthalene	13.60	162	276046	44.219 ng		98
48) 2-Nitroaniline	13.81	65	99446	43.496 ng		92
49) Acenaphthylene	14.44	152	403640	42.609 ng		100
50) Dimethylphthalate	14.17	163	354636	41.555 ng		99
51) 2,6-Dinitrotoluene	14.30	165	74312	41.297 ng		94
52) Acenaphthene	14.78	154	241710	43.452 ng		95
53) 3-Nitroaniline	14.64	138	73232	41.307 ng		96
54) 2,4-Dinitrophenol	14.84	184	48240	39.871 ng		92
55) Dibenzofuran	15.11	168	417353	43.152 ng		98
56) 4-Nitrophenol	14.93	139	51640	40.016 ng		98
57) 2,4-Dinitrotoluene	15.08	165	107866	41.007 ng		97
58) Fluorene	15.76	166	324909	42.705 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	111871	42.913 ng		98
60) Diethylphthalate	15.52	149	358749	41.358 ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	213065	43.042 ng		98
62) 4-Nitroaniline	15.80	138	82739	43.635 ng		97
63) Azobenzene	16.04	77	328805	42.490 ng		98
65) 4,6-Dinitro-2-methylphenol	15.84	198	58459	36.725 ng		92
66) n-Nitrosodiphenylamine	15.96	169	289725	44.493 ng		99
67) 4-Bromophenyl-phenylether	16.64	248	138587	43.704 ng		96
68) Hexachlorobenzene	16.76	284	145272	42.782 ng		95
69) Atrazine	16.90	200	104374	45.053 ng		98
70) Pentachlorophenol	17.10	266	73490	42.266 ng		97
71) Phenanthrene	17.50	178	553818	42.342 ng		99
72) Anthracene	17.60	178	553009	42.887 ng		100
73) Carbazole	17.87	167	477445	42.327 ng		99
74) Di-n-butylphthalate	18.40	149	596655	42.392 ng		99
75) Fluoranthene	19.51	202	725604	41.758 ng		99
77) Benzidine	19.69	184	241921	39.203 ng		98
78) Pyrene	19.87	202	728612	42.346 ng		100
80) Butylbenzylphthalate	20.73	149	279387	42.929 ng		92
81) Benzo(a)anthracene	21.72	228	744275	43.085 ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	257299	42.431 ng		99
83) Chrysene	21.79	228	708092	42.624 ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	383108	43.195 ng		98
85) Di-n-octyl phthalate	22.82	149	653055	43.521 ng		100
86) Indeno(1,2,3-cd)pyrene	28.86	276	831445	42.185 ng	#	98
88) Benzo(b)fluoranthene	23.99	252	730412	43.123 ng		98
89) Benzo(k)fluoranthene	24.06	252	700118	41.726 ng		98
90) Benzo(a)pyrene	24.89	252	686569	42.921 ng		98
91) Dibenzo(a,h)anthracene	28.93	278	673057	41.794 ng		97
92) Benzo(g,h,i)perylene	30.05	276	644623	40.504 ng		94

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

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