Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039666.D
Acq On : 28 Feb 2019 18:58
Operator : JU/SJ
Sample : K1628-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C5-1-0.5-1.0MS

Quant Time: Mar 01 06:27:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59704	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	288757	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	214915	20.00	ng		0.00
64) Phenanthrene-d10	17.54	188	480152	20.00	ng		0.00
76) Chrysene-d12	21.83	240	377083	20.00	ng		0.00
87) Perylene-d12	25.20	264	398487	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	550693	157.86	ng		0.00
7) Phenol-d6	7.32	99	847579	165.07	ng		0.00
23) Nitrobenzene-d5	9.34	82	506684	109.62	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	356182	153.91	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	1285557	85.81	ng		0.00
79) Terphenyl-d14	20.12	244	1506405	84.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	50471	33.076	ng		98
3) Pyridine	4.00	79	152495	37.746	ng		94
4) n-Nitrosodimethylamine	3.92	42	86037	42.583	ng		84
6) Aniline	7.49	93	305455	47.492	ng		98
8) 2-Chlorophenol	7.73	128	199306	52.268	ng		96
9) Benzaldehyde	7.30	77	88817	32.905	ng		97
10) Phenol	7.35	94	319768	59.740	ng		97
11) bis(2-Chloroethyl)ether	7.58	93	196682	46.502	ng		97
12) 1,3-Dichlorobenzene	8.05	146	201120	43.539	ng		99
13) 1,4-Dichlorobenzene	8.20	146	206651	44.884	ng		97
14) 1,2-Dichlorobenzene	8.52	146	198309	44.492	ng		99
15) Benzyl Alcohol	8.40	79	206296	51.174	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	377985	39.574	ng		98
17) 2-Methylphenol	8.60	107	186803	53.929	ng		96
18) Hexachloroethane	9.25	117	72738	45.920	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	170529	46.791	ng		91
20) 3+4-Methylphenols	8.93	107	265341	55.628	ng		98
22) Acetophenone	9.00	105	322777	41.614	ng	#	94
24) Nitrobenzene	9.39	77	249610	49.987	ng		96
25) Isophorone	9.90	82	499511	48.767	ng		99
26) 2-Nitrophenol	10.10	139	124180	59.049	ng		96
27) 2,4-Dimethylphenol	10.14	122	208534	50.328	ng		97
28) bis(2-Chloroethoxy)methane	10.38	93	299877	47.532	ng		98
29) 2,4-Dichlorophenol	10.63	162	241829	53.401	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	235104	46.242	ng		98
31) Naphthalene	11.04	128	673749	47.033	ng		98
33) 4-Chloroaniline	11.15	127	281139	42.327	ng		97
34) Hexachlorobutadiene	11.30	225	149131	44.107	ng		94
35) Caprolactam	11.95	113	87921	46.918	ng		89
36) 4-Chloro-3-methylphenol	12.25	107	273051	52.137	ng		98
37) 2-Methylnaphthalene	12.63	142	540343	50.928	ng		98
38) 1-Methylnaphthalene	12.85	142	514824	50.338	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	298881	43.709	ng		99
41) Hexachlorocyclopentadiene	12.96	237	353546	94.883	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.23	196	198523	47.219	ng		95
44) 2,4,5-Trichlorophenol	13.30	196	228962	51.960	ng		97
46) 1,1'-Biphenyl	13.63	154	727582	40.689	ng		98
47) 2-Chloronaphthalene	13.68	162	571284	42.469	ng		98
48) 2-Nitroaniline	13.88	65	205749	52.338	ng		94
49) Acenaphthylene	14.52	152	923834	45.514	ng		98
50) Dimethylphthalate	14.24	163	852042	49.088	ng		99
51) 2,6-Dinitrotoluene	14.37	165	179922	54.443	ng		96
52) Acenaphthene	14.85	154	566046	42.962	ng		98
53) 3-Nitroaniline	14.71	138	160834	46.196	ng	#	92
54) 2,4-Dinitrophenol	14.91	184	1385	3.356	ng	#	74
55) Dibenzofuran	15.19	168	932470	44.141	ng		97
56) 4-Nitrophenol	14.99	139	116631	40.265	ng		90
57) 2,4-Dinitrotoluene	15.15	165	250970	58.375	ng		85
58) Fluorene	15.83	166	730945	46.416	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	188619	45.716	ng		96
60) Diethylphthalate	15.59	149	800021	44.579	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	407889	45.743	ng		95
62) 4-Nitroaniline	15.87	138	172149	47.358	ng		94
63) Azobenzene	16.11	77	704769	40.179	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	23847	18.447	ng		97
66) n-Nitrosodiphenylamine	16.04	169	676039	46.305	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	265842	49.907	ng		94
68) Hexachlorobenzene	16.83	284	264858	49.559	ng		95
69) Atrazine	16.97	200	233221	43.712	ng		98
70) Pentachlorophenol	17.17	266	179031	48.199	ng		99
71) Phenanthrene	17.58	178	1124294	45.241	ng		97
72) Anthracene	17.67	178	1136564	46.431	ng		97
73) Carbazole	17.94	167	922172	37.749	ng		99
74) Di-n-butylphthalate	18.47	149	1117924	39.225	ng		99
75) Fluoranthene	19.58	202	1121919	38.895	ng		100
77) Benzidine	19.76	184	668444	54.069	ng		97
78) Pyrene	19.94	202	1102313	46.958	ng		99
80) Butylbenzylphthalate	20.80	149	463724	46.829	ng		95
81) Benzo(a)anthracene	21.80	228	1057216	47.448	ng		98
82) 3,3'-Dichlorobenzidine	21.71	252	315593	38.199	ng		99
83) Chrysene	21.87	228	989636	46.657	ng		100
84) Bis(2-ethylhexyl)phthalate	21.67	149	657067	46.511	ng		100
85) Di-n-octyl phthalate	22.93	149	1120611	48.014	ng		96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1237841	54.393	ng	#	97
88) Benzo(b)fluoranthene	24.12	252	1057107	48.643	ng		99
89) Benzo(k)fluoranthene	24.19	252	1045961	47.940	ng		99
90) Benzo(a)pyrene	25.04	252	1041013	49.740	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	995816	50.806	ng		98
92) Benzo(g,h,i)perylene	30.32	276	1013517	51.879	ng		98

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

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