Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039680.D
Acq On : 1 Mar 2019 4:54
Operator : JU/SJ
Sample : K1340-02MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-03-022719MSD

Quant Time: Mar 01 07:08:48 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	59775	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	248257	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	164039	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	381054	20.00	ng	0.00
76) Chrysene-d12	21.83	240	384537	20.00	ng	0.00
87) Perylene-d12	25.20	264	400160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	532671	152.52	ng	0.00
7) Phenol-d6	7.31	99	693207	134.84	ng	0.00
23) Nitrobenzene-d5	9.35	82	500049	125.83	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	312134	176.70	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1110174	97.09	ng	0.00
79) Terphenyl-d14	20.13	244	1699395	93.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	56814	37.189	ng	# 18
3) Pyridine	4.02	79	83941	20.753	ng	98
4) n-Nitrosodimethylamine	3.93	42	85465	42.250	ng	85
6) Aniline	7.50	93	83486	12.965	ng	97
8) 2-Chlorophenol	7.72	128	196921	51.582	ng	97
9) Benzaldehyde	7.31	77	127901	55.669	ng	98
10) Phenol	7.34	94	224470	41.887	ng	98
11) bis(2-Chloroethyl)ether	7.58	93	192042	45.351	ng	98
12) 1,3-Dichlorobenzene	8.05	146	208370	45.055	ng	95
13) 1,4-Dichlorobenzene	8.20	146	212419	46.082	ng	99
14) 1,2-Dichlorobenzene	8.52	146	203673	45.641	ng	99
15) Benzyl Alcohol	8.41	79	185776	46.029	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	373755	39.084	ng	99
17) 2-Methylphenol	8.60	107	168073	48.465	ng	97
18) Hexachloroethane	9.25	117	75342	47.507	ng	99
19) n-Nitroso-di-n-propylamine	8.97	70	160324	43.939	ng	93
20) 3+4-Methylphenols	8.93	107	232778	48.743	ng	99
22) Acetophenone	8.99	105	304804	45.707	ng	94
24) Nitrobenzene	9.39	77	234071	54.522	ng	96
25) Isophorone	9.90	82	458129	52.024	ng	98
26) 2-Nitrophenol	10.09	139	119307	64.015	ng	98
27) 2,4-Dimethylphenol	10.14	122	201541	56.576	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	274057	50.526	ng	98
29) 2,4-Dichlorophenol	10.63	162	216260	55.546	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	220182	50.372	ng	98
31) Naphthalene	11.04	128	624899	50.739	ng	98
32) Benzoic acid	10.23	122	26567	18.270	ng	96
33) 4-Chloroaniline	11.15	127	18375	3.218	ng	95
34) Hexachlorobutadiene	11.30	225	141114	48.544	ng	94
35) Caprolactam	11.94	113	48458	30.078	ng	93
36) 4-Chloro-3-methylphenol	12.25	107	228408	50.727	ng	99
37) 2-Methylnaphthalene	12.63	142	464429	50.914	ng	97
38) 1-Methylnaphthalene	12.85	142	448217	50.974	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	257371	49.312	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	309282	108.747 ng		99
43) 2,4,6-Trichlorophenol	13.22	196	181170	56.456 ng		98
44) 2,4,5-Trichlorophenol	13.30	196	192094	57.114 ng		97
46) 1,1'-Biphenyl	13.63	154	620087	45.433 ng		99
47) 2-Chloronaphthalene	13.68	162	486163	47.350 ng		99
48) 2-Nitroaniline	13.88	65	172824	56.764 ng		94
49) Acenaphthylene	14.52	152	771925	49.825 ng		98
50) Dimethylphthalate	14.24	163	632504	47.742 ng		100
51) 2,6-Dinitrotoluene	14.37	165	146826	57.754 ng		98
52) Acenaphthene	14.86	154	464518	46.190 ng		98
53) 3-Nitroaniline	14.70	138	51850	22.858 ng	#	94
54) 2,4-Dinitrophenol	14.90	184	32516	39.744 ng		97
55) Dibenzofuran	15.19	168	763831	47.372 ng		97
56) 4-Nitrophenol	15.00	139	180048	75.513 ng		89
57) 2,4-Dinitrotoluene	15.15	165	206335	62.275 ng		88
58) Fluorene	15.83	166	600596	49.967 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	187845	59.649 ng		97
60) Diethylphthalate	15.59	149	629044	45.923 ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	324087	47.618 ng		96
62) 4-Nitroaniline	15.87	138	148553	52.992 ng		93
63) Azobenzene	16.11	77	569403	42.530 ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	44655	34.063 ng		93
66) n-Nitrosodiphenylamine	16.04	169	550493	47.511 ng		98
67) 4-Bromophenyl-phenylether	16.71	248	209512	49.561 ng		96
68) Hexachlorobenzene	16.82	284	216019	50.932 ng		96
69) Atrazine	16.98	200	203290	48.011 ng		98
70) Pentachlorophenol	17.18	266	164086	55.664 ng		97
71) Phenanthrene	17.58	178	991013	50.249 ng		97
72) Anthracene	17.67	178	1004200	51.692 ng		97
73) Carbazole	17.94	167	893994	46.112 ng		99
74) Di-n-butylphthalate	18.47	149	1083276	47.895 ng		99
75) Fluoranthene	19.58	202	1175934	51.370 ng		99
77) Benzidine	19.76	184	70082	5.559 ng		94
78) Pyrene	19.94	202	1183786	49.451 ng		97
80) Butylbenzylphthalate	20.81	149	519229	51.418 ng		93
81) Benzo(a)anthracene	21.81	228	1178422	51.863 ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	168912	20.048 ng		99
83) Chrysene	21.88	228	1099742	50.843 ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	721270	50.066 ng		99
85) Di-n-octyl phthalate	22.93	149	1216204	51.099 ng		96
86) Indeno(1,2,3-cd)pyrene	29.08	276	1315552	56.687 ng	#	95
88) Benzo(b)fluoranthene	24.12	252	1164292	53.352 ng		97
89) Benzo(k)fluoranthene	24.20	252	1115925	50.933 ng		100
90) Benzo(a)pyrene	25.04	252	1131536	53.839 ng		99
91) Dibenzo(a,h)anthracene	29.15	278	1056728	53.689 ng		98
92) Benzo(g,h,i)perylene	30.32	276	1081155	55.110 ng		97

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

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