Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039667.D
Acq On : 28 Feb 2019 19:38
Operator : JU/SJ
Sample : K1628-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 01 12:48:54 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	62505	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	285315	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	211133	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	447111	20.00	ng	0.00
76) Chrysene-d12	21.82	240	362962	20.00	ng	0.00
87) Perylene-d12	25.20	264	381869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	546231	149.57	ng	0.00
7) Phenol-d6	7.32	99	823291	153.15	ng	0.00
23) Nitrobenzene-d5	9.35	82	499421	109.35	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	339713	149.42	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1251592	85.04	ng	0.00
79) Terphenyl-d14	20.13	244	1453456	84.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	50487	31.604	ng	91
3) Pyridine	4.00	79	154282	36.477	ng	96
4) n-Nitrosodimethylamine	3.92	42	85856	40.589	ng	87
6) Aniline	7.50	93	288477	42.842	ng	96
8) 2-Chlorophenol	7.72	128	198199	49.649	ng	98
9) Benzaldehyde	7.31	77	86176	29.793	ng	98
10) Phenol	7.34	94	287595	51.322	ng	99
11) bis(2-Chloroethyl)ether	7.58	93	191678	43.288	ng	96
12) 1,3-Dichlorobenzene	8.05	146	195520	40.430	ng	98
13) 1,4-Dichlorobenzene	8.20	146	200511	41.598	ng	98
14) 1,2-Dichlorobenzene	8.52	146	196940	42.205	ng	98
15) Benzyl Alcohol	8.41	79	201985	47.859	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	357866	35.788	ng	99
17) 2-Methylphenol	8.60	107	186429	51.410	ng	93
18) Hexachloroethane	9.25	117	72430	43.676	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	169526	44.431	ng	89
20) 3+4-Methylphenols	8.93	107	258237	51.713	ng	97
22) Acetophenone	8.99	105	313655	40.926	ng	95
24) Nitrobenzene	9.39	77	244009	49.455	ng	97
25) Isophorone	9.90	82	489081	48.325	ng	96
26) 2-Nitrophenol	10.10	139	124250	59.592	ng	96
27) 2,4-Dimethylphenol	10.14	122	208390	50.900	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	291772	46.805	ng	98
29) 2,4-Dichlorophenol	10.63	162	239166	53.451	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	234272	46.635	ng	96
31) Naphthalene	11.04	128	659906	46.622	ng	99
33) 4-Chloroaniline	11.15	127	258767	39.429	ng	100
34) Hexachlorobutadiene	11.30	225	149323	44.696	ng	95
35) Caprolactam	11.94	113	84490	45.631	ng	90
36) 4-Chloro-3-methylphenol	12.25	107	265610	51.328	ng	99
37) 2-Methylnaphthalene	12.63	142	521832	49.777	ng	99
38) 1-Methylnaphthalene	12.85	142	500610	49.538	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	294584	43.852	ng	99
41) Hexachlorocyclopentadiene	12.96	237	347519	94.936	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.23	196	197637	47.850	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	222031	51.290	ng		98
46) 1,1'-Biphenyl	13.63	154	713446	40.613	ng		98
47) 2-Chloronaphthalene	13.68	162	557546	42.190	ng		98
48) 2-Nitroaniline	13.89	65	196480	51.107	ng		97
49) Acenaphthylene	14.52	152	899926	45.130	ng		98
50) Dimethylphthalate	14.24	163	821127	48.155	ng		99
51) 2,6-Dinitrotoluene	14.37	165	171628	53.054	ng		94
52) Acenaphthene	14.86	154	551647	42.619	ng		97
53) 3-Nitroaniline	14.70	138	147476	43.504	ng	#	91
54) 2,4-Dinitrophenol	14.90	184	18125	20.938	ng		91
55) Dibenzofuran	15.19	168	893917	43.074	ng		98
56) 4-Nitrophenol	15.00	139	171502	57.391	ng		88
57) 2,4-Dinitrotoluene	15.16	165	236655	56.346	ng	#	83
58) Fluorene	15.84	166	699612	45.222	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	195190	48.156	ng		96
60) Diethylphthalate	15.59	149	759369	43.071	ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	385963	44.060	ng		98
62) 4-Nitroaniline	15.87	138	161369	45.380	ng		96
63) Azobenzene	16.11	77	671797	38.985	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	59207	37.201	ng		98
66) n-Nitrosodiphenylamine	16.04	169	643093	47.303	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	249703	50.341	ng		93
68) Hexachlorobenzene	16.83	284	250227	50.281	ng		95
69) Atrazine	16.98	200	211193	42.509	ng		97
70) Pentachlorophenol	17.18	266	219338	63.414	ng		100
71) Phenanthrene	17.58	178	1053014	45.504	ng		97
72) Anthracene	17.67	178	1052936	46.193	ng		97
73) Carbazole	17.94	167	863407	37.955	ng		99
74) Di-n-butylphthalate	18.47	149	1035782	39.029	ng		99
75) Fluoranthene	19.58	202	1067302	39.736	ng		99
77) Benzidine	19.76	184	650685	54.680	ng		99
78) Pyrene	19.94	202	1042023	46.117	ng		98
80) Butylbenzylphthalate	20.81	149	443433	46.523	ng		94
81) Benzo(a)anthracene	21.81	228	1019265	47.524	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	279162	35.104	ng		98
83) Chrysene	21.88	228	953985	46.726	ng		100
84) Bis(2-ethylhexyl)phthalate	21.67	149	623456	45.849	ng		99
85) Di-n-octyl phthalate	22.93	149	1076715	47.928	ng		96
86) Indeno(1,2,3-cd)pyrene	29.08	276	1170908	53.454	ng		98
88) Benzo(b)fluoranthene	24.12	252	1020371	48.996	ng		99
89) Benzo(k)fluoranthene	24.19	252	977272	46.741	ng		99
90) Benzo(a)pyrene	25.04	252	994367	49.578	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	956393	50.918	ng		99
92) Benzo(g,h,i)perylene	30.32	276	973050	51.975	ng		97

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

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