Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
Data File : BG043866.D
Acq On : 30 Dec 2019 17:14
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG123019

Quant Time: Dec 31 13:41:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	155839	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	676741	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	440236	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	858109	20.00	ng	0.00
76) Chrysene-d12	21.60	240	702649	20.00	ng	0.00
87) Perylene-d12	24.73	264	802181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	691787	81.51	ng	0.00
7) Phenol-d6	7.13	99	985817	83.09	ng	0.00
23) Nitrobenzene-d5	9.12	82	975105	77.08	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	365961	79.44	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1997275	82.20	ng	0.00
79) Terphenyl-d14	19.96	244	2343728	78.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	147017	39.727	ng	99
3) Pyridine	3.83	79	461135	42.181	ng	96
4) n-Nitrosodimethylamine	3.75	42	194859	40.034	ng	95
6) Aniline	7.29	93	642669	41.242	ng	100
8) 2-Chlorophenol	7.54	128	401006	40.245	ng	98
9) Benzaldehyde	7.10	77	295604	38.930	ng	98
10) Phenol	7.15	94	504947	41.309	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	424854	40.265	ng	100
12) 1,3-Dichlorobenzene	7.86	146	468400	40.172	ng	98
13) 1,4-Dichlorobenzene	8.01	146	464222	40.351	ng	99
14) 1,2-Dichlorobenzene	8.32	146	450931	40.835	ng	99
15) Benzyl Alcohol	8.21	79	383630	40.972	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	666003	40.799	ng	98
17) 2-Methylphenol	8.40	107	362533	40.984	ng	98
18) Hexachloroethane	9.06	117	180167	40.246	ng	96
19) n-Nitroso-di-n-propylamine	8.78	70	361463	40.912	ng	97
20) 3+4-Methylphenols	8.73	107	513922	41.647	ng	98
22) Acetophenone	8.79	105	665642	39.564	ng	98
24) Nitrobenzene	9.16	77	488745	39.008	ng	97
25) Isophorone	9.69	82	955378	40.255	ng	99
26) 2-Nitrophenol	9.88	139	239696	40.436	ng	98
27) 2,4-Dimethylphenol	9.94	122	352021	39.451	ng	96
28) bis(2-Chloroethoxy)methane	10.18	93	632834	39.996	ng	97
29) 2,4-Dichlorophenol	10.41	162	422976	39.740	ng	99
30) 1,2,4-Trichlorobenzene	10.64	180	471804	39.534	ng	98
31) Naphthalene	10.82	128	1311585	40.050	ng	100
32) Benzoic acid	10.08	122	282878	40.112	ng	97
33) 4-Chloroaniline	10.92	127	623384	39.910	ng	98
34) Hexachlorobutadiene	11.12	225	287532	39.461	ng	96
35) Caprolactam	11.69	113	160097	40.405	ng	95
36) 4-Chloro-3-methylphenol	12.05	107	457488	40.376	ng	96
37) 2-Methylnaphthalene	12.43	142	992451	40.253	ng	97
38) 1-Methylnaphthalene	12.65	142	941712	40.301	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	508752	39.428	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	246794	36.892	ng		99
43) 2,4,6-Trichlorophenol	13.03	196	354606	39.940	ng		99
44) 2,4,5-Trichlorophenol	13.11	196	369417	40.342	ng		97
46) 1,1'-Biphenyl	13.43	154	1278511	40.505	ng		98
47) 2-Chloronaphthalene	13.48	162	1015259	39.805	ng		99
48) 2-Nitroaniline	13.67	65	325322	39.652	ng		97
49) Acenaphthylene	14.32	152	1493193	40.731	ng		99
50) Dimethylphthalate	14.06	163	1257619	40.233	ng		100
51) 2,6-Dinitrotoluene	14.17	165	282039	39.920	ng		98
52) Acenaphthene	14.67	154	1027892	39.982	ng		99
53) 3-Nitroaniline	14.49	138	315538	39.329	ng		97
54) 2,4-Dinitrophenol	14.70	184	133452	40.019	ng		100
55) Dibenzofuran	15.00	168	1422588	40.196	ng		99
56) 4-Nitrophenol	14.80	139	241029	39.204	ng		99
57) 2,4-Dinitrotoluene	14.95	165	391465	40.720	ng		96
58) Fluorene	15.65	166	1121626	39.985	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	317591	40.334	ng		98
60) Diethylphthalate	15.43	149	1239620	39.649	ng		100
61) 4-Chlorophenyl-phenylether	15.64	204	608597	39.956	ng		97
62) 4-Nitroaniline	15.66	138	305359	38.541	ng		99
63) Azobenzene	15.94	77	1166286	40.224	ng		98
65) 4,6-Dinitro-2-methylphenol	15.72	198	174001	40.147	ng		98
66) n-Nitrosodiphenylamine	15.85	169	1029582	40.743	ng		100
67) 4-Bromophenyl-phenylether	16.54	248	387713	40.173	ng		98
68) Hexachlorobenzene	16.65	284	417264	40.124	ng		99
69) Atrazine	16.80	200	334734	40.751	ng		99
70) Pentachlorophenol	16.99	266	236662	41.283	ng		98
71) Phenanthrene	17.39	178	1676894	40.742	ng		99
72) Anthracene	17.48	178	1655784	40.706	ng		99
73) Carbazole	17.74	167	1496926	39.839	ng		100
74) Di-n-butylphthalate	18.32	149	1854828	38.664	ng		99
75) Fluoranthene	19.39	202	1806118	38.370	ng		100
77) Benzidine	19.57	184	639058	36.184	ng		97
78) Pyrene	19.75	202	1820621	39.695	ng		99
80) Butylbenzylphthalate	20.65	149	897331	41.094	ng		97
81) Benzo(a)anthracene	21.58	228	1770731	40.642	ng		99
82) 3,3'-Dichlorobenzidine	21.49	252	675769	39.259	ng		99
83) Chrysene	21.64	228	1694739	40.936	ng		100
84) Bis(2-ethylhexyl)phthalate	21.51	149	1244838	41.317	ng		100
85) Di-n-octyl phthalate	22.69	149	2100454	41.468	ng		100
86) Indeno(1,2,3-cd)pyrene	28.28	276	2222482	39.502	ng	#	93
88) Benzo(b)fluoranthene	23.74	252	1886776	39.786	ng		99
89) Benzo(k)fluoranthene	23.80	252	1855542	41.146	ng		100
90) Benzo(a)pyrene	24.58	252	1800917	40.236	ng		99
91) Dibenzo(a,h)anthracene	28.35	278	1797278	39.983	ng		98
92) Benzo(g,h,i)perylene	29.39	276	1781335	39.895	ng		98

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

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