Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044517.D
Acq On : 20 Feb 2020 12:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 21 06:45:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	85274	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	353165	20.00	ng	-0.02
39) Acenaphthene-d10	14.53	164	226390	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	497905	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	479422	20.00	ng	-0.02
87) Perylene-d12	24.59	264	521492	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	411472	85.16	ng	-0.02
7) Phenol-d6	7.06	99	563867	86.90	ng	-0.02
23) Nitrobenzene-d5	9.04	82	517586	82.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.01	330	235139	88.47	ng	-0.02
45) 2-Fluorobiphenyl	13.15	172	1155886	85.50	ng	-0.02
79) Terphenyl-d14	19.89	244	1704904	73.15	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	89844	41.385	ng	99
3) Pyridine	3.75	79	255426	44.162	ng	99
4) n-Nitrosodimethylamine	3.66	42	98459	40.738	ng	99
6) Aniline	7.21	93	341612	42.416	ng	98
8) 2-Chlorophenol	7.45	128	227176	42.780	ng	99
9) Benzaldehyde	7.02	77	148805	40.268	ng	98
10) Phenol	7.09	94	276752	43.099	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	226437	41.247	ng	98
12) 1,3-Dichlorobenzene	7.78	146	268745	42.387	ng	97
13) 1,4-Dichlorobenzene	7.92	146	267151	42.542	ng	99
14) 1,2-Dichlorobenzene	8.23	146	254495	42.876	ng	99
15) Benzyl Alcohol	8.12	79	197631	43.023	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	310046	41.727	ng	98
17) 2-Methylphenol	8.33	107	192972	42.120	ng	98
18) Hexachloroethane	8.96	117	98861	41.953	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	176814	40.889	ng	98
20) 3+4-Methylphenols	8.66	107	271213	42.954	ng	99
22) Acetophenone	8.70	105	352223	40.997	ng	99
24) Nitrobenzene	9.08	77	248705	40.725	ng	99
25) Isophorone	9.61	82	477590	40.961	ng	99
26) 2-Nitrophenol	9.79	139	139243	43.941	ng	99
27) 2,4-Dimethylphenol	9.86	122	187754	41.974	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	313626	40.322	ng	99
29) 2,4-Dichlorophenol	10.34	162	231972	42.888	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	261427	42.152	ng	98
31) Naphthalene	10.73	128	715190	41.740	ng	100
32) Benzoic acid	10.04	122	75157	32.148	ng	95
33) 4-Chloroaniline	10.84	127	327396	42.013	ng	99
34) Hexachlorobutadiene	11.03	225	160924	42.168	ng	97
35) Caprolactam	11.62	113	85640	43.223	ng	99
36) 4-Chloro-3-methylphenol	11.98	107	238490	42.055	ng	99
37) 2-Methylnaphthalene	12.35	142	531295	41.762	ng	99
38) 1-Methylnaphthalene	12.56	142	500608	41.738	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	290230	42.857	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	116284	35.786 ng	99
43) 2,4,6-Trichlorophenol	12.96	196	188055	42.961 ng	99
44) 2,4,5-Trichlorophenol	13.03	196	194583	43.521 ng	99
46) 1,1'-Biphenyl	13.36	154	686906	42.065 ng	98
47) 2-Chloronaphthalene	13.40	162	545106	41.949 ng	99
48) 2-Nitroaniline	13.60	65	160408	41.828 ng	96
49) Acenaphthylene	14.25	152	806380	42.309 ng	99
50) Dimethylphthalate	13.98	163	681720	41.891 ng	100
51) 2,6-Dinitrotoluene	14.10	165	151106	41.645 ng	97
52) Acenaphthene	14.59	154	515291	41.711 ng	99
53) 3-Nitroaniline	14.43	138	169564	42.240 ng	97
54) 2,4-Dinitrophenol	14.64	184	78149	40.509 ng	96
55) Dibenzofuran	14.93	168	788687	42.167 ng	97
56) 4-Nitrophenol	14.75	139	125327	42.621 ng	96
57) 2,4-Dinitrotoluene	14.89	165	218354	42.936 ng	93
58) Fluorene	15.57	166	626783	42.546 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	174840	43.294 ng	98
60) Diethylphthalate	15.35	149	669540	41.290 ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	335821	42.042 ng	99
62) 4-Nitroaniline	15.60	138	172815	43.082 ng	97
63) Azobenzene	15.86	77	582821	41.010 ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	117489	42.748 ng	99
66) n-Nitrosodiphenylamine	15.78	169	578571	41.464 ng	99
67) 4-Bromophenyl-phenylether	16.46	248	228002	42.031 ng	96
68) Hexachlorobenzene	16.58	284	256727	42.243 ng	99
69) Atrazine	16.73	200	183686	38.407 ng	99
70) Pentachlorophenol	16.93	266	118876	40.304 ng	99
71) Phenanthrene	17.31	178	1010814	41.925 ng	99
72) Anthracene	17.40	178	1011919	42.452 ng	99
73) Carbazole	17.67	167	929003	42.276 ng	99
74) Di-n-butylphthalate	18.23	149	1145373	42.178 ng	100
75) Fluoranthene	19.32	202	1205416	43.219 ng	100
77) Benzidine	19.50	184	595573	44.787 ng	99
78) Pyrene	19.69	202	1205229	39.145 ng	99
80) Butylbenzylphthalate	20.57	149	547548	39.025 ng	99
81) Benzo(a)anthracene	21.50	228	1174301	39.743 ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	475409	41.457 ng	99
83) Chrysene	21.56	228	1137969	39.845 ng	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	739465	38.290 ng	100
85) Di-n-octyl phthalate	22.57	149	1326197	39.689 ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1484208	39.833 ng	99
88) Benzo(b)fluoranthene	23.62	252	1239658	41.253 ng	100
89) Benzo(k)fluoranthene	23.68	252	1256157	42.890 ng	99
90) Benzo(a)pyrene	24.45	252	1204048	42.378 ng	99
91) Dibenzo(a,h)anthracene	28.13	278	1203956	42.817 ng	98
92) Benzo(g,h,i)perylene	29.16	276	1203881	42.769 ng	99

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

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