Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044318.D
Acq On : 6 Feb 2020 11:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 06 21:44:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	105642	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	423075	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	266536	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	561077	20.00	ng	0.00
76) Chrysene-d12	21.54	240	495288	20.00	ng	0.00
87) Perylene-d12	24.64	264	575734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	491893	82.18	ng	0.00
7) Phenol-d6	7.08	99	643237	80.02	ng	0.00
23) Nitrobenzene-d5	9.07	82	585505	78.13	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	251564	80.40	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1293004	81.23	ng	0.00
79) Terphenyl-d14	19.91	244	1825786	75.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	108754	40.437	ng	99
3) Pyridine	3.79	79	302885	42.271	ng	100
4) n-Nitrosodimethylamine	3.70	42	117556	39.262	ng	93
6) Aniline	7.24	93	396825	39.772	ng	98
8) 2-Chlorophenol	7.48	128	267389	40.645	ng	97
9) Benzaldehyde	7.05	77	174076	38.024	ng	97
10) Phenol	7.11	94	318337	40.017	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	265913	39.099	ng	97
12) 1,3-Dichlorobenzene	7.81	146	319980	40.737	ng	99
13) 1,4-Dichlorobenzene	7.95	146	315651	40.574	ng	99
14) 1,2-Dichlorobenzene	8.27	146	300435	40.857	ng	99
15) Benzyl Alcohol	8.15	79	225919	39.699	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	363352	39.473	ng	99
17) 2-Methylphenol	8.36	107	224562	39.565	ng	98
18) Hexachloroethane	9.00	117	116517	39.912	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	203988	38.078	ng	98
20) 3+4-Methylphenols	8.69	107	311882	39.872	ng	98
22) Acetophenone	8.73	105	410084	39.845	ng	99
24) Nitrobenzene	9.11	77	284582	38.899	ng	99
25) Isophorone	9.64	82	540024	38.663	ng	99
26) 2-Nitrophenol	9.83	139	156091	41.119	ng	99
27) 2,4-Dimethylphenol	9.89	122	212813	39.714	ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	365958	39.276	ng	99
29) 2,4-Dichlorophenol	10.36	162	258916	39.959	ng	97
30) 1,2,4-Trichlorobenzene	10.58	180	299671	40.335	ng	100
31) Naphthalene	10.77	128	818670	39.884	ng	99
32) Benzoic acid	10.04	122	95531	33.246	ng	93
33) 4-Chloroaniline	10.87	127	372111	39.860	ng	99
34) Hexachlorobutadiene	11.06	225	182344	39.886	ng	98
35) Caprolactam	11.64	113	92097	38.801	ng	99
36) 4-Chloro-3-methylphenol	12.00	107	263007	38.715	ng	100
37) 2-Methylnaphthalene	12.37	142	605480	39.729	ng	99
38) 1-Methylnaphthalene	12.59	142	573616	39.922	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	321444	40.317	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	181973	47.566 ng	100
43) 2,4,6-Trichlorophenol	12.98	196	210941	40.931 ng	96
44) 2,4,5-Trichlorophenol	13.06	196	214432	40.737 ng	98
46) 1,1'-Biphenyl	13.38	154	779819	40.562 ng	99
47) 2-Chloronaphthalene	13.42	162	615523	40.234 ng	99
48) 2-Nitroaniline	13.62	65	174735	38.701 ng	94
49) Acenaphthylene	14.27	152	909697	40.541 ng	99
50) Dimethylphthalate	14.00	163	763709	39.861 ng	99
51) 2,6-Dinitrotoluene	14.12	165	166178	38.900 ng	98
52) Acenaphthene	14.62	154	579782	39.863 ng	99
53) 3-Nitroaniline	14.45	138	190211	40.246 ng	99
54) 2,4-Dinitrophenol	14.66	184	87615	38.939 ng	98
55) Dibenzofuran	14.95	168	880849	40.001 ng	99
56) 4-Nitrophenol	14.77	139	141748	40.944 ng	96
57) 2,4-Dinitrotoluene	14.91	165	235735	39.372 ng	98
58) Fluorene	15.60	166	693717	39.997 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	193677	40.735 ng	98
60) Diethylphthalate	15.37	149	758880	39.751 ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	368882	39.225 ng	98
62) 4-Nitroaniline	15.61	138	190815	40.405 ng	96
63) Azobenzene	15.88	77	654486	39.116 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	130932	42.275 ng	97
66) n-Nitrosodiphenylamine	15.81	169	634970	40.383 ng	99
67) 4-Bromophenyl-phenylether	16.48	248	246538	40.331 ng	98
68) Hexachlorobenzene	16.61	284	275168	40.180 ng	98
69) Atrazine	16.75	200	219496	40.727 ng	98
70) Pentachlorophenol	16.95	266	137192	41.201 ng	99
71) Phenanthrene	17.34	178	1106698	40.733 ng	99
72) Anthracene	17.43	178	1095653	40.789 ng	99
73) Carbazole	17.69	167	1023506	41.332 ng	99
74) Di-n-butylphthalate	18.26	149	1267101	41.407 ng	100
75) Fluoranthene	19.35	202	1299361	41.342 ng	99
77) Benzidine	19.53	184	617566	44.953 ng	98
78) Pyrene	19.71	202	1310230	41.192 ng	99
80) Butylbenzylphthalate	20.60	149	601992	41.531 ng	97
81) Benzo(a)anthracene	21.53	228	1259556	41.263 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	499042	42.124 ng	100
83) Chrysene	21.59	228	1215864	41.208 ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	823052	41.253 ng	99
85) Di-n-octyl phthalate	22.61	149	1438127	41.661 ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1569557	40.774 ng	99
88) Benzo(b)fluoranthene	23.66	252	1389770	41.891 ng	99
89) Benzo(k)fluoranthene	23.72	252	1304304	40.338 ng	99
90) Benzo(a)pyrene	24.49	252	1285334	40.977 ng	98
91) Dibenzo(a,h)anthracene	28.21	278	1268125	40.850 ng	100
92) Benzo(g,h,i)perylene	29.24	276	1260535	40.562 ng	98

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

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