Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
Data File : BG046636.D
Acq On : 16 Sep 2020 9:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 16 11:22:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 13:09:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	67696	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	309047	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	232202	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	530452	20.00	ng	0.00
76) Chrysene-d12	21.54	240	396887	20.00	ng	0.00
86) Perylene-d12	24.63	264	404666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	303975	79.53	ng	0.00
7) Phenol-d6	7.10	99	484136	89.35	ng	0.00
23) Nitrobenzene-d5	9.08	82	436142	80.66	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	249669	79.36	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1213286	79.76	ng	0.00
79) Terphenyl-d14	19.91	244	1586710	85.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	58043	36.502	ng	100
3) Pyridine	3.81	79	193038	41.492	ng	97
4) n-Nitrosodimethylamine	3.72	42	68669	40.019	ng	99
6) Aniline	7.25	93	268646	44.062	ng	99
8) 2-Chlorophenol	7.49	128	168618	41.741	ng	97
9) Benzaldehyde	7.06	77	132917	43.786	ng	100
10) Phenol	7.12	94	225856	45.258	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	176892	44.098	ng	98
12) 1,3-Dichlorobenzene	7.81	146	207460	40.451	ng	98
13) 1,4-Dichlorobenzene	7.95	146	209143	40.733	ng	100
14) 1,2-Dichlorobenzene	8.28	146	201389	40.906	ng	98
15) Benzyl Alcohol	8.16	79	168681	48.491	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	275661	44.304	ng	99
17) 2-Methylphenol	8.36	107	164099	46.367	ng	98
18) Hexachloroethane	9.00	117	69754	40.067	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	157432	48.576	ng	98
20) 3+4-Methylphenols	8.70	107	236148	48.341	ng	99
22) Acetophenone	8.74	105	305180	40.567	ng	99
24) Nitrobenzene	9.12	77	214197	40.097	ng	100
25) Isophorone	9.65	82	423100	42.680	ng	99
26) 2-Nitrophenol	9.83	139	116512	41.339	ng	97
27) 2,4-Dimethylphenol	9.90	122	166164	42.865	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	269061	42.168	ng	99
29) 2,4-Dichlorophenol	10.37	162	223666	43.282	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	243959	39.788	ng	99
31) Naphthalene	10.77	128	615743	40.806	ng	99
32) Benzoic acid	10.06	122	68725	28.695	ng	97
33) 4-Chloroaniline	10.87	127	287576	43.219	ng	99
34) Hexachlorobutadiene	11.06	225	158416	39.800	ng	99
35) Caprolactam	11.65	113	77849	40.301	ng	94
36) 4-Chloro-3-methylphenol	12.01	107	227375	44.986	ng	97
37) 2-Methylnaphthalene	12.38	142	505270	42.457	ng	99
38) 1-Methylnaphthalene	12.59	142	481522	42.715	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	310806	40.590	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	105925	31.814 ng	98
43) 2,4,6-Trichlorophenol	12.99	196	214104	41.435 ng	98
44) 2,4,5-Trichlorophenol	13.06	196	220960	40.699 ng	98
46) 1,1'-Biphenyl	13.38	154	658564	40.765 ng	99
47) 2-Chloronaphthalene	13.43	162	552815	40.359 ng	99
48) 2-Nitroaniline	13.63	65	159517	41.940 ng	100
49) Acenaphthylene	14.28	152	847787	40.802 ng	99
50) Dimethylphthalate	14.01	163	717607	39.946 ng	99
51) 2,6-Dinitrotoluene	14.12	165	161693	40.832 ng	99
52) Acenaphthene	14.62	154	526030	40.854 ng	99
53) 3-Nitroaniline	14.46	138	168230	39.219 ng	99
54) 2,4-Dinitrophenol	14.67	184	58873	25.470 ng	93
55) Dibenzofuran	14.95	168	841692	40.733 ng	99
56) 4-Nitrophenol	14.77	139	99967	31.667 ng	97
57) 2,4-Dinitrotoluene	14.92	165	227609	40.310 ng	97
58) Fluorene	15.60	166	692160	39.910 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	215763	40.926 ng	98
60) Diethylphthalate	15.37	149	699967	39.964 ng	98
61) 4-Chlorophenyl-phenylether	15.59	204	388548	40.680 ng	97
62) 4-Nitroaniline	15.62	138	161201	35.617 ng	97
63) Azobenzene	15.89	77	578382	40.595 ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	110036	36.649 ng	100
66) n-Nitrosodiphenylamine	15.81	169	617187	43.128 ng	99
67) 4-Bromophenyl-phenylether	16.48	248	276342	44.653 ng	98
68) Hexachlorobenzene	16.61	284	290991	42.456 ng	97
69) Atrazine	16.75	200	238782	40.901 ng	99
70) Pentachlorophenol	16.95	266	115287	32.194 ng	98
71) Phenanthrene	17.34	178	1083316	40.291 ng	99
72) Anthracene	17.43	178	1066249	40.194 ng	99
73) Carbazole	17.69	167	907057	36.215 ng	99
74) Di-n-butylphthalate	18.26	149	1118947	38.851 ng	99
75) Fluoranthene	19.35	202	1151180	33.270 ng	99
77) Benzidine	19.52	184	402161	43.607 ng	99
78) Pyrene	19.71	202	1119939	44.313 ng	99
80) Butylbenzylphthalate	20.60	149	396021	40.172 ng	97
81) Benzo(a)anthracene	21.53	228	996936	40.300 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	369082	40.203 ng	98
83) Chrysene	21.59	228	972887	40.885 ng	98
84) Bis(2-ethylhexyl)phthalate	21.44	149	543812	40.423 ng	99
85) Di-n-octyl phthalate	22.61	149	958546	41.612 ng	99
87) Indeno(1,2,3-cd)pyrene	28.14	276	1211644	41.689 ng	99
88) Benzo(b)fluoranthene	23.66	252	1019776	40.359 ng	99
89) Benzo(k)fluoranthene	23.72	252	1023454	41.910 ng	100
90) Benzo(a)pyrene	24.49	252	976175	41.398 ng	99
91) Dibenzo(a,h)anthracene	28.19	278	977595	41.682 ng	98
92) Benzo(g,h,i)perylene	29.23	276	965979	41.245 ng	97

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

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