Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091720\
Data File : BG046658.D
Acq On : 17 Sep 2020 11:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 17 14:36:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 14:27:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	50793	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	209229	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	156902	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	395834	20.00	ng		0.00
76) Chrysene-d12	21.54	240	401195	20.00	ng		0.00
86) Perylene-d12	24.64	264	411309	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	225560	78.65	ng		0.00
7) Phenol-d6	7.10	99	337780	83.09	ng		0.00
23) Nitrobenzene-d5	9.08	82	296150	80.90	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	180077	84.71	ng		0.00
45) 2-Fluorobiphenyl	13.17	172	834468	81.19	ng		0.00
79) Terphenyl-d14	19.91	244	1516360	80.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	46601	39.059	ng		100
3) Pyridine	3.81	79	140616	40.282	ng		99
4) n-Nitrosodimethylamine	3.72	42	51938	40.341	ng		99
6) Aniline	7.24	93	188954	41.304	ng		99
8) 2-Chlorophenol	7.49	128	122202	40.318	ng		98
9) Benzaldehyde	7.06	77	87015	38.204	ng		99
10) Phenol	7.12	94	153411	40.971	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	120695	40.101	ng		98
12) 1,3-Dichlorobenzene	7.81	146	154246	40.083	ng		99
13) 1,4-Dichlorobenzene	7.95	146	156018	40.498	ng		100
14) 1,2-Dichlorobenzene	8.27	146	149372	40.437	ng		98
15) Benzyl Alcohol	8.16	79	113163	43.357	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	193020	41.345	ng		99
17) 2-Methylphenol	8.37	107	110860	41.748	ng		97
18) Hexachloroethane	9.00	117	52288	40.030	ng		99
19) n-Nitroso-di-n-propylamine	8.72	70	106034	43.605	ng		98
20) 3+4-Methylphenols	8.69	107	155472	42.418	ng		98
22) Acetophenone	8.74	105	208802	40.997	ng	#	98
24) Nitrobenzene	9.12	77	144774	40.031	ng		99
25) Isophorone	9.64	82	284400	42.375	ng		100
26) 2-Nitrophenol	9.83	139	77710	40.726	ng		98
27) 2,4-Dimethylphenol	9.89	122	108745	41.436	ng		99
28) bis(2-Chloroethoxy)methane	10.12	93	181186	41.943	ng		98
29) 2,4-Dichlorophenol	10.37	162	143754	41.089	ng		98
30) 1,2,4-Trichlorobenzene	10.58	180	165504	39.870	ng		99
31) Naphthalene	10.77	128	421122	41.222	ng		99
32) Benzoic acid	10.05	122	39931	25.669	ng		93
33) 4-Chloroaniline	10.87	127	191314	42.469	ng		98
34) Hexachlorobutadiene	11.06	225	109013	40.455	ng		99
35) Caprolactam	11.65	113	58725	44.905	ng		87
36) 4-Chloro-3-methylphenol	12.01	107	147989	43.248	ng		100
37) 2-Methylnaphthalene	12.37	142	340132	42.216	ng		99
38) 1-Methylnaphthalene	12.60	142	318485	41.731	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	203683	39.366	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	91263	40.565	ng	100
43) 2,4,6-Trichlorophenol	12.99	196	137052	39.252	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	143445	39.102	ng	98
46) 1,1'-Biphenyl	13.38	154	441599	40.453	ng	99
47) 2-Chloronaphthalene	13.42	162	370413	40.021	ng	99
48) 2-Nitroaniline	13.62	65	108517	42.223	ng	99
49) Acenaphthylene	14.27	152	585624	41.711	ng	99
50) Dimethylphthalate	14.01	163	513698	42.319	ng	99
51) 2,6-Dinitrotoluene	14.12	165	112740	42.133	ng	98
52) Acenaphthene	14.62	154	356819	41.012	ng	97
53) 3-Nitroaniline	14.45	138	122963	42.424	ng	97
54) 2,4-Dinitrophenol	14.67	184	109973	70.411	ng	96
55) Dibenzofuran	14.95	168	586940	42.037	ng	97
56) 4-Nitrophenol	14.78	139	85838	40.240	ng	96
57) 2,4-Dinitrotoluene	14.92	165	165233	43.307	ng	96
58) Fluorene	15.60	166	490645	41.868	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	151326	42.479	ng	99
60) Diethylphthalate	15.37	149	510364	43.123	ng	98
61) 4-Chlorophenyl-phenylether	15.59	204	268762	41.643	ng	99
62) 4-Nitroaniline	15.62	138	133158	43.540	ng	99
63) Azobenzene	15.89	77	407736	42.352	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	95983	42.841	ng	99
66) n-Nitrosodiphenylamine	15.81	169	445039	41.675	ng	100
67) 4-Bromophenyl-phenylether	16.49	248	194054	42.020	ng	99
68) Hexachlorobenzene	16.62	284	209209	40.905	ng	99
69) Atrazine	16.76	200	183852	42.202	ng	99
70) Pentachlorophenol	16.96	266	99891	37.382	ng	97
71) Phenanthrene	17.34	178	831943	41.465	ng	99
72) Anthracene	17.43	178	819436	41.395	ng	98
73) Carbazole	17.70	167	772419	41.328	ng	99
74) Di-n-butylphthalate	18.26	149	894301	41.612	ng	99
75) Fluoranthene	19.35	202	1043823	40.427	ng	99
77) Benzidine	19.53	184	316240	33.922	ng	99
78) Pyrene	19.71	202	1057759	41.403	ng	99
80) Butylbenzylphthalate	20.60	149	410749	41.219	ng	98
81) Benzo(a)anthracene	21.53	228	1019055	40.752	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	378506	40.787	ng	99
83) Chrysene	21.59	228	988796	41.107	ng	98
84) Bis(2-ethylhexyl)phthalate	21.44	149	569513	41.879	ng	100
85) Di-n-octyl phthalate	22.61	149	991243	42.569	ng	100
87) Indeno(1,2,3-cd)pyrene	28.15	276	1222254	41.375	ng	99
88) Benzo(b)fluoranthene	23.66	252	1050443	40.901	ng	99
89) Benzo(k)fluoranthene	23.73	252	1027288	41.388	ng	99
90) Benzo(a)pyrene	24.49	252	999247	41.692	ng	99
91) Dibenzo(a,h)anthracene	28.21	278	987529	41.425	ng	98
92) Benzo(g,h,i)perylene	29.24	276	980229	41.177	ng	98

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

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