Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
Data File : BG046669.D
Acq On : 18 Sep 2020 13:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 18 14:17:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	54642	20.00	ng		-0.01
21) Naphthalene-d8	10.72	136	231950	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	172810	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	417665	20.00	ng		0.00
76) Chrysene-d12	21.55	240	406331	20.00	ng		0.00
86) Perylene-d12	24.64	264	410169	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	254716	82.56	ng		0.00
7) Phenol-d6	7.09	99	380334	86.97	ng		-0.01
23) Nitrobenzene-d5	9.08	82	331897	81.78	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	190435	81.33	ng		0.00
45) 2-Fluorobiphenyl	13.17	172	919721	81.25	ng		-0.01
79) Terphenyl-d14	19.91	244	1520099	79.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	52929	41.238	ng		99
3) Pyridine	3.80	79	159329	42.428	ng		98
4) n-Nitrosodimethylamine	3.72	42	58067	41.925	ng	#	99
6) Aniline	7.25	93	213084	43.298	ng		98
8) 2-Chlorophenol	7.49	128	135077	41.427	ng		97
9) Benzaldehyde	7.06	77	102305	41.753	ng		98
10) Phenol	7.12	94	173787	43.144	ng		98
11) bis(2-Chloroethyl)ether	7.34	93	138223	42.690	ng		97
12) 1,3-Dichlorobenzene	7.81	146	168133	40.614	ng		99
13) 1,4-Dichlorobenzene	7.96	146	171097	41.284	ng		99
14) 1,2-Dichlorobenzene	8.27	146	162045	40.778	ng		97
15) Benzyl Alcohol	8.16	79	124857	44.468	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.44	45	214134	42.637	ng		99
17) 2-Methylphenol	8.37	107	124409	43.550	ng		99
18) Hexachloroethane	9.00	117	56870	40.471	ng		94
19) n-Nitroso-di-n-propylamine	8.73	70	118395	45.258	ng		98
20) 3+4-Methylphenols	8.70	107	174736	44.315	ng		98
22) Acetophenone	8.74	105	230515	40.827	ng		99
24) Nitrobenzene	9.12	77	162928	40.637	ng		98
25) Isophorone	9.64	82	318894	42.860	ng		99
26) 2-Nitrophenol	9.83	139	89865	42.482	ng		98
27) 2,4-Dimethylphenol	9.89	122	122135	41.979	ng		98
28) bis(2-Chloroethoxy)methane	10.12	93	201443	42.064	ng		99
29) 2,4-Dichlorophenol	10.37	162	163165	42.069	ng		99
30) 1,2,4-Trichlorobenzene	10.58	180	182021	39.554	ng		99
31) Naphthalene	10.77	128	465731	41.123	ng		99
32) Benzoic acid	10.06	122	44354	25.706	ng		98
33) 4-Chloroaniline	10.88	127	214409	42.934	ng		99
34) Hexachlorobutadiene	11.06	225	117282	39.260	ng		98
35) Caprolactam	11.65	113	64386	44.411	ng		99
36) 4-Chloro-3-methylphenol	12.01	107	167841	44.245	ng		96
37) 2-Methylnaphthalene	12.37	142	376801	42.186	ng		99
38) 1-Methylnaphthalene	12.60	142	358637	42.389	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	226383	39.726	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	100592	40.596 ng	100
43) 2,4,6-Trichlorophenol	12.99	196	152759	39.723 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	161446	39.957 ng	100
46) 1,1'-Biphenyl	13.38	154	494168	41.101 ng	98
47) 2-Chloronaphthalene	13.43	162	412582	40.473 ng	99
48) 2-Nitroaniline	13.63	65	121723	43.002 ng	99
49) Acenaphthylene	14.27	152	643637	41.623 ng	99
50) Dimethylphthalate	14.01	163	554849	41.501 ng	99
51) 2,6-Dinitrotoluene	14.13	165	122155	41.450 ng	99
52) Acenaphthene	14.62	154	392676	40.979 ng	98
53) 3-Nitroaniline	14.45	138	132575	41.530 ng	99
54) 2,4-Dinitrophenol	14.67	184	64346	37.405 ng	97
55) Dibenzofuran	14.95	168	639747	41.601 ng	99
56) 4-Nitrophenol	14.78	139	91598	38.988 ng	99
57) 2,4-Dinitrotoluene	14.92	165	175404	41.741 ng	99
58) Fluorene	15.60	166	527984	40.907 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	162920	41.523 ng	98
60) Diethylphthalate	15.38	149	534750	41.024 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	288932	40.647 ng	97
62) 4-Nitroaniline	15.62	138	136572	40.546 ng	99
63) Azobenzene	15.89	77	442070	41.692 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	102028	43.159 ng	95
66) n-Nitrosodiphenylamine	15.81	169	475572	42.207 ng	100
67) 4-Bromophenyl-phenylether	16.49	248	206073	42.291 ng	96
68) Hexachlorobenzene	16.62	284	222940	41.311 ng	97
69) Atrazine	16.76	200	187536	40.798 ng	99
70) Pentachlorophenol	16.96	266	104564	37.085 ng	98
71) Phenanthrene	17.34	178	871835	41.182 ng	99
72) Anthracene	17.43	178	854167	40.894 ng	99
73) Carbazole	17.70	167	794435	40.284 ng	99
74) Di-n-butylphthalate	18.26	149	904137	39.870 ng	100
75) Fluoranthene	19.35	202	1066309	39.139 ng	99
77) Benzidine	19.53	184	368798	39.060 ng	99
78) Pyrene	19.71	202	1063467	41.101 ng	98
80) Butylbenzylphthalate	20.60	149	410255	40.649 ng	96
81) Benzo(a)anthracene	21.53	228	1022440	40.370 ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	380703	40.505 ng	99
83) Chrysene	21.59	228	989111	40.600 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	564797	41.007 ng	100
85) Di-n-octyl phthalate	22.61	149	983721	41.712 ng	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1217616	41.332 ng	100
88) Benzo(b)fluoranthene	23.67	252	1040988	40.645 ng	99
89) Benzo(k)fluoranthene	23.73	252	1035354	41.829 ng	100
90) Benzo(a)pyrene	24.50	252	981605	41.069 ng	98
91) Dibenzo(a,h)anthracene	28.21	278	984469	41.412 ng	99
92) Benzo(g,h,i)perylene	29.25	276	981326	41.338 ng	99

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

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