Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044917.D
Acq On : 20 Mar 2020 11:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 21 00:40:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	84662	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	315981	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	215204	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	492966	20.00	ng	0.00
76) Chrysene-d12	21.69	240	433753	20.00	ng	0.00
87) Perylene-d12	24.90	264	515704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	442435	81.35	ng	0.00
7) Phenol-d6	7.20	99	645492	81.69	ng	0.00
23) Nitrobenzene-d5	9.21	82	616342	85.59	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	277825	98.60	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1298122	86.38	ng	0.00
79) Terphenyl-d14	20.03	244	1954593	84.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	108570	41.455	ng	95
3) Pyridine	3.91	79	304286	39.247	ng	98
4) n-Nitrosodimethylamine	3.83	42	117643	39.992	ng	97
6) Aniline	7.37	93	386029	39.261	ng	95
8) 2-Chlorophenol	7.61	128	225274	41.494	ng	92
9) Benzaldehyde	7.18	77	201173	42.570	ng	97
10) Phenol	7.23	94	311085	39.765	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	238390	38.182	ng	96
12) 1,3-Dichlorobenzene	7.94	146	276560	41.353	ng	99
13) 1,4-Dichlorobenzene	8.08	146	275629	41.687	ng	97
14) 1,2-Dichlorobenzene	8.41	146	260947	41.614	ng	98
15) Benzyl Alcohol	8.28	79	245259	38.684	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	369015	33.492	ng	99
17) 2-Methylphenol	8.48	107	215745	40.713	ng	97
18) Hexachloroethane	9.14	117	108903	41.837	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	203769	36.520	ng	99
20) 3+4-Methylphenols	8.81	107	294663	40.337	ng	97
22) Acetophenone	8.87	105	369095	41.232	ng	98
24) Nitrobenzene	9.25	77	312663	41.847	ng	98
25) Isophorone	9.78	82	556278	39.582	ng	98
26) 2-Nitrophenol	9.96	139	130003	49.875	ng	98
27) 2,4-Dimethylphenol	10.02	122	189220	41.344	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	331732	39.553	ng	97
29) 2,4-Dichlorophenol	10.50	162	235721	44.096	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	280320	43.856	ng	95
31) Naphthalene	10.90	128	725284	41.436	ng	99
32) Benzoic acid	10.16	122	143470	41.803	ng	92
33) 4-Chloroaniline	11.00	127	320815	40.681	ng	99
34) Hexachlorobutadiene	11.20	225	194208	46.203	ng	95
35) Caprolactam	11.77	113	83962	41.484	ng	97
36) 4-Chloro-3-methylphenol	12.13	107	269944	42.341	ng	99
37) 2-Methylnaphthalene	12.51	142	551106	42.090	ng	96
38) 1-Methylnaphthalene	12.73	142	508370	41.298	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	308008	43.459	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	168822	43.587 ng		99
43) 2,4,6-Trichlorophenol	13.11	196	213507	45.393 ng		96
44) 2,4,5-Trichlorophenol	13.18	196	213509	43.771 ng		95
46) 1,1'-Biphenyl	13.51	154	711832	41.392 ng		99
47) 2-Chloronaphthalene	13.55	162	548699	41.766 ng		97
48) 2-Nitroaniline	13.75	65	200377	43.567 ng		96
49) Acenaphthylene	14.40	152	858738	41.724 ng		98
50) Dimethylphthalate	14.13	163	721393	42.088 ng		99
51) 2,6-Dinitrotoluene	14.24	165	160031	46.320 ng		97
52) Acenaphthene	14.75	154	580831	43.091 ng		99
53) 3-Nitroaniline	14.57	138	175390	44.156 ng		93
54) 2,4-Dinitrophenol	14.78	184	86960	51.479 ng		91
55) Dibenzofuran	15.08	168	830752	42.501 ng		99
56) 4-Nitrophenol	14.88	139	137056	45.212 ng		95
57) 2,4-Dinitrotoluene	15.03	165	226913	47.889 ng		96
58) Fluorene	15.73	166	681069	42.357 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	205253	45.705 ng		95
60) Diethylphthalate	15.50	149	735359	41.135 ng		100
61) 4-Chlorophenyl-phenylether	15.72	204	376218	43.454 ng		99
62) 4-Nitroaniline	15.73	138	183506	43.326 ng		94
63) Azobenzene	16.01	77	713804	38.450 ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	119207	50.841 ng		94
66) n-Nitrosodiphenylamine	15.93	169	601323	40.516 ng		98
67) 4-Bromophenyl-phenylether	16.62	248	262085	42.527 ng		97
68) Hexachlorobenzene	16.74	284	287582	43.013 ng		99
69) Atrazine	16.88	200	195175	35.893 ng		97
70) Pentachlorophenol	17.07	266	165654	45.031 ng		97
71) Phenanthrene	17.47	178	1099343	41.731 ng		99
72) Anthracene	17.56	178	1077752	41.490 ng		100
73) Carbazole	17.82	167	1016690	40.746 ng		98
74) Di-n-butylphthalate	18.39	149	1243521	40.997 ng		99
75) Fluoranthene	19.47	202	1338659	42.678 ng		100
77) Benzidine	19.65	184	650733	46.212 ng		98
78) Pyrene	19.84	202	1326469	41.683 ng		99
80) Butylbenzylphthalate	20.72	149	584170	41.262 ng		99
81) Benzo(a)anthracene	21.67	228	1323398	42.371 ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	512974	42.454 ng		97
83) Chrysene	21.74	228	1258555	42.184 ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	795059	40.691 ng		97
85) Di-n-octyl phthalate	22.81	149	1371790	41.955 ng		99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1676312	42.857 ng		99
88) Benzo(b)fluoranthene	23.88	252	1420909	41.736 ng		99
89) Benzo(k)fluoranthene	23.95	252	1353960	42.024 ng		99
90) Benzo(a)pyrene	24.75	252	1331799	41.806 ng		95
91) Dibenzo(a,h)anthracene	28.61	278	1333494	42.430 ng	#	97
92) Benzo(g,h,i)perylene	29.69	276	1329358	41.866 ng		97

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

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