Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
Data File : BG043979.D
Acq On : 8 Jan 2020 23:57
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 09 06:15:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	143324	20.00	ng		-0.01
21) Naphthalene-d8	10.76	136	592715	20.00	ng		-0.01
39) Acenaphthene-d10	14.59	164	379684	20.00	ng		-0.01
64) Phenanthrene-d10	17.33	188	800253	20.00	ng		0.00
76) Chrysene-d12	21.58	240	688192	20.00	ng		0.00
87) Perylene-d12	24.70	264	782174	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	640519	82.06	ng		0.00
7) Phenol-d6	7.12	99	866037	79.37	ng		0.00
23) Nitrobenzene-d5	9.11	82	810137	73.12	ng		-0.01
42) 2,4,6-Tribromophenol	16.07	330	321949	81.03	ng		-0.01
45) 2-Fluorobiphenyl	13.21	172	1660134	79.22	ng		-0.01
79) Terphenyl-d14	19.94	244	2220133	75.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	134460	39.507	ng		100
3) Pyridine	3.83	79	402885	40.070	ng		95
4) n-Nitrosodimethylamine	3.74	42	161250	36.022	ng		99
6) Aniline	7.28	93	544911	38.022	ng		100
8) 2-Chlorophenol	7.52	128	361066	39.401	ng		99
9) Benzaldehyde	7.09	77	233618	33.454	ng		98
10) Phenol	7.15	94	438120	38.972	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	368852	38.010	ng		97
12) 1,3-Dichlorobenzene	7.85	146	422224	39.373	ng		100
13) 1,4-Dichlorobenzene	7.99	146	426017	40.263	ng		99
14) 1,2-Dichlorobenzene	8.31	146	398979	39.286	ng		100
15) Benzyl Alcohol	8.19	79	321979	37.390	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	538652	35.879	ng		98
17) 2-Methylphenol	8.40	107	311473	38.287	ng		100
18) Hexachloroethane	9.04	117	160552	38.996	ng		97
19) n-Nitroso-di-n-propylamine	8.76	70	293543	36.125	ng		97
20) 3+4-Methylphenols	8.73	107	431928	38.059	ng		98
22) Acetophenone	8.78	105	552649	37.505	ng	#	98
24) Nitrobenzene	9.15	77	405693	36.970	ng		98
25) Isophorone	9.68	82	769751	37.031	ng		98
26) 2-Nitrophenol	9.86	139	212787	40.986	ng		97
27) 2,4-Dimethylphenol	9.93	122	292722	37.456	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	512133	36.956	ng		99
29) 2,4-Dichlorophenol	10.40	162	358956	38.506	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	400611	38.327	ng		99
31) Naphthalene	10.81	128	1113921	38.836	ng		100
32) Benzoic acid	10.07	122	202850	33.977	ng		94
33) 4-Chloroaniline	10.91	127	515084	37.651	ng		99
34) Hexachlorobutadiene	11.10	225	243170	38.104	ng		99
35) Caprolactam	11.68	113	132167	38.085	ng		96
36) 4-Chloro-3-methylphenol	12.04	107	379863	38.277	ng		99
37) 2-Methylnaphthalene	12.41	142	820197	37.983	ng		98
38) 1-Methylnaphthalene	12.63	142	782419	38.230	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	419727	37.716	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	213277	36.966 ng	97
43) 2,4,6-Trichlorophenol	13.02	196	295289	38.563 ng	99
44) 2,4,5-Trichlorophenol	13.09	196	305626	38.698 ng	99
46) 1,1'-Biphenyl	13.42	154	1048394	38.512 ng	99
47) 2-Chloronaphthalene	13.46	162	836095	38.008 ng	99
48) 2-Nitroaniline	13.66	65	264376	37.362 ng	99
49) Acenaphthylene	14.31	152	1234204	39.036 ng	99
50) Dimethylphthalate	14.05	163	1035925	38.426 ng	99
51) 2,6-Dinitrotoluene	14.15	165	230210	37.780 ng	98
52) Acenaphthene	14.65	154	844534	38.089 ng	99
53) 3-Nitroaniline	14.49	138	270636	39.112 ng	96
54) 2,4-Dinitrophenol	14.69	184	100007	35.491 ng	98
55) Dibenzofuran	14.99	168	1186517	38.872 ng	99
56) 4-Nitrophenol	14.80	139	214477	40.448 ng	91
57) 2,4-Dinitrotoluene	14.94	165	328900	39.668 ng	97
58) Fluorene	15.63	166	939469	38.833 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	269087	39.624 ng	96
60) Diethylphthalate	15.41	149	1052510	39.033 ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	501624	38.185 ng	99
62) 4-Nitroaniline	15.65	138	272501	39.879 ng	96
63) Azobenzene	15.92	77	947949	37.908 ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	155316	38.614 ng	99
66) n-Nitrosodiphenylamine	15.84	169	869213	36.884 ng	100
67) 4-Bromophenyl-phenylether	16.52	248	324090	36.008 ng	97
68) Hexachlorobenzene	16.64	284	358634	36.979 ng	99
69) Atrazine	16.79	200	285491	37.269 ng	99
70) Pentachlorophenol	16.98	266	202460	37.870 ng	98
71) Phenanthrene	17.37	178	1473834	38.397 ng	100
72) Anthracene	17.47	178	1469156	38.729 ng	100
73) Carbazole	17.73	167	1394896	39.808 ng	99
74) Di-n-butylphthalate	18.30	149	1717490	38.389 ng	100
75) Fluoranthene	19.38	202	1679264	38.254 ng	100
77) Benzidine	19.56	184	646750	37.388 ng	98
78) Pyrene	19.74	202	1691305	37.651 ng	99
80) Butylbenzylphthalate	20.63	149	841443	39.345 ng	97
81) Benzo(a)anthracene	21.56	228	1649114	38.646 ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	644588	38.234 ng	98
83) Chrysene	21.62	228	1583526	39.054 ng	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	1133024	38.396 ng	99
85) Di-n-octyl phthalate	22.67	149	1970266	39.715 ng	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	2013896	36.547 ng	100
88) Benzo(b)fluoranthene	23.72	252	1722236	37.245 ng	100
89) Benzo(k)fluoranthene	23.78	252	1716204	39.030 ng	99
90) Benzo(a)pyrene	24.56	252	1656920	37.966 ng	99
91) Dibenzo(a,h)anthracene	28.31	278	1630900	37.210 ng	99
92) Benzo(g,h,i)perylene	29.35	276	1597826	36.700 ng	99

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

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