Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
Data File : BG044405.D
Acq On : 12 Feb 2020 12:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 13 01:03:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	81901	20.00	ng		0.00
21) Naphthalene-d8	10.70	136	326328	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	206773	20.00	ng		0.00
64) Phenanthrene-d10	17.28	188	451534	20.00	ng		0.00
76) Chrysene-d12	21.53	240	423039	20.00	ng		0.00
87) Perylene-d12	24.62	264	451131	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	394692	85.05	ng		0.00
7) Phenol-d6	7.08	99	520871	83.58	ng		0.00
23) Nitrobenzene-d5	9.06	82	476897	82.51	ng		0.00
42) 2,4,6-Tribromophenol	16.03	330	210560	86.74	ng		0.00
45) 2-Fluorobiphenyl	13.16	172	1072991	86.90	ng		0.00
79) Terphenyl-d14	19.90	244	1565097	76.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	88041	42.225	ng		99
3) Pyridine	3.77	79	248623	44.757	ng		97
4) n-Nitrosodimethylamine	3.69	42	95478	41.132	ng		97
6) Aniline	7.22	93	314868	40.706	ng		99
8) 2-Chlorophenol	7.47	128	213083	41.779	ng		99
9) Benzaldehyde	7.04	77	138149	38.924	ng		99
10) Phenol	7.10	94	258067	41.844	ng		99
11) bis(2-Chloroethyl)ether	7.32	93	213038	40.404	ng		99
12) 1,3-Dichlorobenzene	7.79	146	256074	42.052	ng		99
13) 1,4-Dichlorobenzene	7.94	146	252320	41.835	ng		98
14) 1,2-Dichlorobenzene	8.26	146	238708	41.873	ng		98
15) Benzyl Alcohol	8.14	79	177959	40.336	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	293331	41.103	ng		98
17) 2-Methylphenol	8.35	107	179111	40.704	ng		98
18) Hexachloroethane	8.99	117	94106	41.580	ng		97
19) n-Nitroso-di-n-propylamine	8.71	70	164650	39.644	ng		99
20) 3+4-Methylphenols	8.68	107	246653	40.673	ng		97
22) Acetophenone	8.72	105	326162	41.086	ng	#	98
24) Nitrobenzene	9.10	77	231925	41.100	ng		97
25) Isophorone	9.63	82	434226	40.305	ng		99
26) 2-Nitrophenol	9.82	139	123560	42.199	ng		98
27) 2,4-Dimethylphenol	9.88	122	170194	41.177	ng		99
28) bis(2-Chloroethoxy)methane	10.11	93	293603	40.852	ng		99
29) 2,4-Dichlorophenol	10.36	162	211999	42.419	ng		97
30) 1,2,4-Trichlorobenzene	10.57	180	241109	42.074	ng		99
31) Naphthalene	10.76	128	662878	41.868	ng		100
32) Benzoic acid	10.04	122	75568	33.733	ng		93
33) 4-Chloroaniline	10.86	127	294672	40.923	ng		99
34) Hexachlorobutadiene	11.05	225	148058	41.988	ng		98
35) Caprolactam	11.63	113	75049	40.993	ng		99
36) 4-Chloro-3-methylphenol	12.00	107	218909	41.777	ng		99
37) 2-Methylnaphthalene	12.37	142	488339	41.542	ng		100
38) 1-Methylnaphthalene	12.58	142	460696	41.569	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	263052	42.529	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	98012	33.024 ng	99
43) 2,4,6-Trichlorophenol	12.98	196	169517	42.401 ng	99
44) 2,4,5-Trichlorophenol	13.05	196	176970	43.337 ng	99
46) 1,1'-Biphenyl	13.38	154	632171	42.386 ng	99
47) 2-Chloronaphthalene	13.42	162	503556	42.428 ng	99
48) 2-Nitroaniline	13.62	65	145538	41.551 ng	97
49) Acenaphthylene	14.26	152	747082	42.917 ng	99
50) Dimethylphthalate	14.00	163	627680	42.230 ng	100
51) 2,6-Dinitrotoluene	14.11	165	139185	41.998 ng	99
52) Acenaphthene	14.60	154	476791	42.257 ng	98
53) 3-Nitroaniline	14.45	138	156124	42.581 ng	97
54) 2,4-Dinitrophenol	14.65	184	58904	34.762 ng	96
55) Dibenzofuran	14.94	168	734239	42.980 ng	99
56) 4-Nitrophenol	14.76	139	111442	41.494 ng	99
57) 2,4-Dinitrotoluene	14.90	165	195036	41.989 ng	98
58) Fluorene	15.59	166	579539	43.071 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	157376	42.666 ng	99
60) Diethylphthalate	15.36	149	630473	42.570 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	310856	42.609 ng	100
62) 4-Nitroaniline	15.61	138	157013	42.857 ng	96
63) Azobenzene	15.88	77	548557	42.261 ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	100885	40.476 ng	98
66) n-Nitrosodiphenylamine	15.80	169	529098	41.813 ng	98
67) 4-Bromophenyl-phenylether	16.48	248	206975	42.073 ng	99
68) Hexachlorobenzene	16.60	284	233614	42.388 ng	98
69) Atrazine	16.75	200	174769	40.296 ng	99
70) Pentachlorophenol	16.94	266	100198	37.682 ng	96
71) Phenanthrene	17.33	178	941058	43.040 ng	99
72) Anthracene	17.42	178	926778	42.873 ng	99
73) Carbazole	17.69	167	845792	42.442 ng	99
74) Di-n-butylphthalate	18.25	149	1073894	43.607 ng	99
75) Fluoranthene	19.34	202	1088212	43.023 ng	100
77) Benzidine	19.52	184	448383	38.212 ng	98
78) Pyrene	19.70	202	1093431	40.247 ng	98
80) Butylbenzylphthalate	20.59	149	484122	39.103 ng	99
81) Benzo(a)anthracene	21.51	228	1051692	40.338 ng	98
82) 3,3'-Dichlorobenzidine	21.43	252	399447	39.475 ng	100
83) Chrysene	21.58	228	1015687	40.303 ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	677227	39.741 ng	99
85) Di-n-octyl phthalate	22.60	149	1179047	39.989 ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1284506	39.068 ng	99
88) Benzo(b)fluoranthene	23.64	252	1132441	43.563 ng	99
89) Benzo(k)fluoranthene	23.71	252	1068876	42.187 ng	100
90) Benzo(a)pyrene	24.47	252	1047568	42.621 ng	99
91) Dibenzo(a,h)anthracene	28.16	278	1039283	42.725 ng	100
92) Benzo(g,h,i)perylene	29.19	276	1039578	42.692 ng	99

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

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