Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044212.D
Acq On : 27 Jan 2020 12:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 28 00:38:00 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	7.93	152	96138	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	410744	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	264589	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	541203	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	492500	20.00	ng		-0.03
87) Perylene-d12	24.67	264	564902	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	430409	82.20	ng		-0.03
7) Phenol-d6	7.10	99	620335	84.76	ng		-0.02
23) Nitrobenzene-d5	9.09	82	581527	75.74	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	260389	94.04	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1356726	92.90	ng		-0.04
79) Terphenyl-d14	19.93	244	1823021	90.87	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	88755	38.877	ng		94
3) Pyridine	3.80	79	265939	39.432	ng		92
4) n-Nitrosodimethylamine	3.71	42	103321	34.410	ng		91
6) Aniline	7.25	93	382432	39.782	ng		96
8) 2-Chlorophenol	7.49	128	254532	41.408	ng		97
9) Benzaldehyde	7.07	77	157680	33.662	ng		99
10) Phenol	7.13	94	318225	42.201	ng		96
11) bis(2-Chloroethyl)ether	7.35	93	256370	39.386	ng		97
12) 1,3-Dichlorobenzene	7.82	146	300366	41.757	ng		99
13) 1,4-Dichlorobenzene	7.96	146	299152	42.150	ng		98
14) 1,2-Dichlorobenzene	8.29	146	285673	41.935	ng		98
15) Benzyl Alcohol	8.17	79	224536	38.872	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	357511	35.501	ng		97
17) 2-Methylphenol	8.38	107	224995	41.231	ng		97
18) Hexachloroethane	9.02	117	111459	40.360	ng		95
19) n-Nitroso-di-n-propylamine	8.73	70	207388	38.050	ng		96
20) 3+4-Methylphenols	8.70	107	318144	41.792	ng		97
22) Acetophenone	8.75	105	402953	39.461	ng	#	96
24) Nitrobenzene	9.13	77	288345	37.918	ng		99
25) Isophorone	9.65	82	554515	38.495	ng		99
26) 2-Nitrophenol	9.84	139	156690	43.551	ng		94
27) 2,4-Dimethylphenol	9.91	122	222754	41.130	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	370331	38.563	ng		99
29) 2,4-Dichlorophenol	10.38	162	278200	43.064	ng		95
30) 1,2,4-Trichlorobenzene	10.60	180	301754	41.659	ng		96
31) Naphthalene	10.78	128	849287	42.728	ng		98
32) Benzoic acid	10.05	122	114149	28.767	ng		91
33) 4-Chloroaniline	10.88	127	380550	40.141	ng		98
34) Hexachlorobutadiene	11.08	225	185391	41.920	ng		99
35) Caprolactam	11.65	113	96323	40.053	ng		90
36) 4-Chloro-3-methylphenol	12.02	107	286239	41.622	ng		97
37) 2-Methylnaphthalene	12.39	142	640467	42.800	ng		97
38) 1-Methylnaphthalene	12.61	142	604215	42.603	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	341844	44.080	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	141532	35.202	ng		99
43) 2,4,6-Trichlorophenol	13.00	196	222717	41.737	ng		97
44) 2,4,5-Trichlorophenol	13.08	196	229656	41.728	ng		98
46) 1,1'-Biphenyl	13.40	154	820027	43.226	ng		98
47) 2-Chloronaphthalene	13.44	162	648505	42.305	ng		98
48) 2-Nitroaniline	13.64	65	187901	38.106	ng		93
49) Acenaphthylene	14.29	152	963662	43.737	ng		98
50) Dimethylphthalate	14.02	163	776215	41.317	ng		99
51) 2,6-Dinitrotoluene	14.13	165	176811	41.639	ng		96
52) Acenaphthene	14.63	154	621965	40.253	ng		97
53) 3-Nitroaniline	14.46	138	190379	39.481	ng		97
54) 2,4-Dinitrophenol	14.67	184	80268	40.045	ng		97
55) Dibenzofuran	14.97	168	936411	44.023	ng		96
56) 4-Nitrophenol	14.78	139	141813	38.378	ng		94
57) 2,4-Dinitrotoluene	14.93	165	242617	41.991	ng		98
58) Fluorene	15.61	166	735675	43.636	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	199716	42.201	ng		93
60) Diethylphthalate	15.38	149	782371	41.636	ng		99
61) 4-Chlorophenyl-phenylether	15.61	204	388349	42.422	ng		97
62) 4-Nitroaniline	15.63	138	189452	39.786	ng		94
63) Azobenzene	15.90	77	694463	39.852	ng		96
65) 4,6-Dinitro-2-methylphenol	15.69	198	123804	44.729	ng		96
66) n-Nitrosodiphenylamine	15.82	169	665903	41.782	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	259215	42.586	ng		97
68) Hexachlorobenzene	16.62	284	284213	43.333	ng		96
69) Atrazine	16.77	200	168978	32.617	ng		99
70) Pentachlorophenol	16.97	266	128117	35.435	ng		98
71) Phenanthrene	17.35	178	1135123	43.728	ng		98
72) Anthracene	17.45	178	1120386	43.672	ng		97
73) Carbazole	17.71	167	1034495	43.654	ng		96
74) Di-n-butylphthalate	18.28	149	1253212	41.420	ng		96
75) Fluoranthene	19.36	202	1313316	44.238	ng		96
77) Benzidine	19.54	184	553271	44.693	ng		99
78) Pyrene	19.73	202	1322980	41.154	ng		96
80) Butylbenzylphthalate	20.61	149	602418	39.361	ng		97
81) Benzo(a)anthracene	21.54	228	1282780	42.005	ng		98
82) 3,3'-Dichlorobenzidine	21.46	252	479869	39.774	ng		98
83) Chrysene	21.61	228	1236850	42.624	ng		97
84) Bis(2-ethylhexyl)phthalate	21.47	149	827744	39.196	ng	#	99
85) Di-n-octyl phthalate	22.64	149	1443302	40.653	ng		96
86) Indeno(1,2,3-cd)pyrene	28.20	276	1629577	41.323	ng		96
88) Benzo(b)fluoranthene	23.69	252	1386812	41.527	ng		98
89) Benzo(k)fluoranthene	23.76	252	1326541	41.772	ng		98
90) Benzo(a)pyrene	24.53	252	1304200	41.377	ng		97
91) Dibenzo(a,h)anthracene	28.25	278	1280496	40.452	ng		97
92) Benzo(g,h,i)perylene	29.30	276	1304851	41.498	ng		96

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

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