Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044092.D
Acq On : 20 Jan 2020 11:05
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 21 04:37:54 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	88439	20.00	ng		-0.03
21) Naphthalene-d8	10.74	136	380859	20.00	ng		-0.03
39) Acenaphthene-d10	14.57	164	244818	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	483436	20.00	ng		-0.02
76) Chrysene-d12	21.57	240	408582	20.00	ng		-0.02
87) Perylene-d12	24.67	264	471258	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	424956	88.23	ng		-0.02
7) Phenol-d6	7.11	99	591267	87.82	ng		-0.02
23) Nitrobenzene-d5	9.09	82	553185	77.70	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	218515	85.29	ng		-0.02
45) 2-Fluorobiphenyl	13.19	172	1218587	90.18	ng		-0.03
79) Terphenyl-d14	19.93	244	1584176	96.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	87680	41.750	ng		99
3) Pyridine	3.80	79	257819	41.556	ng		95
4) n-Nitrosodimethylamine	3.71	42	105857	38.323	ng		93
6) Aniline	7.26	93	358245	40.511	ng		98
8) 2-Chlorophenol	7.50	128	237930	42.077	ng		96
9) Benzaldehyde	7.07	77	145115	33.676	ng		99
10) Phenol	7.13	94	297472	42.883	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	245760	41.043	ng		98
12) 1,3-Dichlorobenzene	7.83	146	274245	41.445	ng		99
13) 1,4-Dichlorobenzene	7.97	146	273365	41.870	ng		99
14) 1,2-Dichlorobenzene	8.29	146	259587	41.423	ng		97
15) Benzyl Alcohol	8.17	79	212928	40.072	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	350058	37.787	ng		99
17) 2-Methylphenol	8.38	107	211127	42.058	ng		97
18) Hexachloroethane	9.02	117	104500	41.134	ng		96
19) n-Nitroso-di-n-propylamine	8.75	70	197242	39.338	ng		97
20) 3+4-Methylphenols	8.71	107	295725	42.229	ng		98
22) Acetophenone	8.76	105	383247	40.476	ng	#	97
24) Nitrobenzene	9.13	77	273949	38.851	ng		98
25) Isophorone	9.66	82	528429	39.563	ng		99
26) 2-Nitrophenol	9.84	139	147913	44.338	ng		96
27) 2,4-Dimethylphenol	9.91	122	206971	41.215	ng		99
28) bis(2-Chloroethoxy)methane	10.14	93	356142	39.995	ng		98
29) 2,4-Dichlorophenol	10.39	162	250636	41.842	ng		96
30) 1,2,4-Trichlorobenzene	10.60	180	273799	40.766	ng		99
31) Naphthalene	10.79	128	779173	42.277	ng		99
32) Benzoic acid	10.06	122	132722	34.482	ng		94
33) 4-Chloroaniline	10.89	127	355623	40.455	ng		98
34) Hexachlorobutadiene	11.08	225	164951	40.225	ng		99
35) Caprolactam	11.67	113	87787	39.368	ng		93
36) 4-Chloro-3-methylphenol	12.02	107	266607	41.809	ng		98
37) 2-Methylnaphthalene	12.39	142	580925	41.867	ng		96
38) 1-Methylnaphthalene	12.62	142	551088	41.906	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	299965	41.803	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	145172	39.023 ng	99
43) 2,4,6-Trichlorophenol	13.01	196	207890	42.105 ng	99
44) 2,4,5-Trichlorophenol	13.08	196	208291	40.903 ng	99
46) 1,1'-Biphenyl	13.40	154	751902	42.836 ng	98
47) 2-Chloronaphthalene	13.45	162	593226	41.824 ng	97
48) 2-Nitroaniline	13.65	65	180497	39.560 ng	97
49) Acenaphthylene	14.29	152	881878	43.258 ng	98
50) Dimethylphthalate	14.03	163	736655	42.378 ng	99
51) 2,6-Dinitrotoluene	14.14	165	163513	41.617 ng	95
52) Acenaphthene	14.64	154	571058	39.943 ng	97
53) 3-Nitroaniline	14.47	138	178106	39.919 ng	98
54) 2,4-Dinitrophenol	14.68	184	86824	45.887 ng	96
55) Dibenzofuran	14.97	168	849463	43.161 ng	97
56) 4-Nitrophenol	14.79	139	128293	37.523 ng	98
57) 2,4-Dinitrotoluene	14.93	165	224684	42.027 ng	98
58) Fluorene	15.62	166	663755	42.550 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	172642	39.426 ng	98
60) Diethylphthalate	15.39	149	736609	42.367 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	351108	41.451 ng	98
62) 4-Nitroaniline	15.63	138	170303	38.653 ng	99
63) Azobenzene	15.91	77	654390	40.585 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	115555	46.540 ng	95
66) n-Nitrosodiphenylamine	15.83	169	602331	42.309 ng	98
67) 4-Bromophenyl-phenylether	16.51	248	224665	41.320 ng	99
68) Hexachlorobenzene	16.63	284	245415	41.889 ng	98
69) Atrazine	16.78	200	200174	43.256 ng	100
70) Pentachlorophenol	16.97	266	119914	37.129 ng	98
71) Phenanthrene	17.36	178	1013029	43.688 ng	97
72) Anthracene	17.45	178	997729	43.538 ng	96
73) Carbazole	17.72	167	915625	43.255 ng	96
74) Di-n-butylphthalate	18.29	149	1159681	42.909 ng	96
75) Fluoranthene	19.37	202	1139297	42.962 ng	95
77) Benzidine	19.54	184	422963	41.184 ng	99
78) Pyrene	19.73	202	1149263	43.092 ng	95
80) Butylbenzylphthalate	20.62	149	546503	43.041 ng	96
81) Benzo(a)anthracene	21.55	228	1091665	43.089 ng	96
82) 3,3'-Dichlorobenzidine	21.47	252	420543	42.016 ng	97
83) Chrysene	21.61	228	1053029	43.743 ng	96
84) Bis(2-ethylhexyl)phthalate	21.47	149	757096	43.214 ng	97
85) Di-n-octyl phthalate	22.65	149	1337658	45.416 ng	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1352010	41.326 ng	99
88) Benzo(b)fluoranthene	23.69	252	1163443	41.761 ng	98
89) Benzo(k)fluoranthene	23.76	252	1112344	41.987 ng	97
90) Benzo(a)pyrene	24.53	252	1086145	41.307 ng	98
91) Dibenzo(a,h)anthracene	28.27	278	1088518	41.220 ng	97
92) Benzo(g,h,i)perylene	29.31	276	1080500	41.192 ng	96

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

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