Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071119\
Data File : BG041624.D
Acq On : 11 Jul 2019 18:13
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 12 04:51:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:30:02 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	591868	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	2296784	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	1478992	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	2957174	20.00	ng		0.00
76) Chrysene-d12	21.69	240	2875490	20.00	ng		0.03
87) Perylene-d12	24.93	264	3774163	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	719737	22.34	ng		0.00
7) Phenol-d6	7.21	99	1062403	22.75	ng		0.00
23) Nitrobenzene-d5	9.22	82	918727	16.82	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	423016	18.63	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	2124910	19.53	ng		0.00
79) Terphenyl-d14	20.03	244	2712820	18.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	168768	10.448	ng	#	83
3) Pyridine	3.90	79	413099	9.641	ng	#	88
4) n-Nitrosodimethylamine	3.82	42	253271	11.083	ng	#	76
6) Aniline	7.38	93	757999	11.679	ng		99
8) 2-Chlorophenol	7.62	128	444835	11.753	ng		97
9) Benzaldehyde	7.19	77	320889	10.745	ng		98
10) Phenol	7.24	94	550075	10.956	ng		84
11) bis(2-Chloroethyl)ether	7.48	93	469167	12.315	ng		94
12) 1,3-Dichlorobenzene	7.95	146	529327	11.169	ng	#	89
13) 1,4-Dichlorobenzene	8.09	146	520651	10.755	ng		95
14) 1,2-Dichlorobenzene	8.42	146	510102	11.032	ng		95
15) Benzyl Alcohol	8.29	79	442820	9.899	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	994510	15.946	ng		90
17) 2-Methylphenol	8.49	107	407619	11.355	ng	#	88
18) Hexachloroethane	9.15	117	201128	10.484	ng		90
19) n-Nitroso-di-n-propylamine	8.87	70	397073	10.515	ng		91
20) 3+4-Methylphenols	8.83	107	558190	11.681	ng		88
22) Acetophenone	8.88	105	706814	10.575	ng	#	96
24) Nitrobenzene	9.26	77	486648	8.860	ng	#	88
25) Isophorone	9.79	82	1014835	10.129	ng	#	93
26) 2-Nitrophenol	9.97	139	212260	9.532	ng	#	74
27) 2,4-Dimethylphenol	10.03	122	403859	12.099	ng		83
28) bis(2-Chloroethoxy)methane	10.27	93	630502	12.077	ng		100
29) 2,4-Dichlorophenol	10.51	162	467357	11.293	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	548703	10.352	ng		97
31) Naphthalene	10.92	128	1353641	10.844	ng		97
32) Benzoic acid	10.21	122	297372	13.686	ng	#	85
33) 4-Chloroaniline	11.01	127	666034	12.563	ng	#	91
34) Hexachlorobutadiene	11.21	225	357585	8.499	ng		98
35) Caprolactam	11.81	113	187609m	13.168	ng		
36) 4-Chloro-3-methylphenol	12.13	107	486236	10.171	ng	#	85
37) 2-Methylnaphthalene	12.52	142	1054062	11.465	ng	#	94
38) 1-Methylnaphthalene	12.73	142	1002795	11.400	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	600314	9.830	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	381476	9.273	ng		98
43) 2,4,6-Trichlorophenol	13.12	196	413943	10.957	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	422792	10.876	ng		98
46) 1,1'-Biphenyl	13.52	154	1295262	11.584	ng		93
47) 2-Chloronaphthalene	13.56	162	1090351	11.327	ng		96
48) 2-Nitroaniline	13.75	65	308192	8.742	ng	#	79
49) Acenaphthylene	14.40	152	1618919	11.083	ng		92
50) Dimethylphthalate	14.14	163	1365260	10.375	ng		96
51) 2,6-Dinitrotoluene	14.25	165	278952	10.053	ng	#	80
52) Acenaphthene	14.75	154	1055401	12.304	ng		94
53) 3-Nitroaniline	14.58	138	316347	11.572	ng	#	88
54) 2,4-Dinitrophenol	14.77	184	132411	7.450	ng	#	87
55) Dibenzofuran	15.08	168	1542293	10.341	ng	#	97
56) 4-Nitrophenol	14.87	139	258170	13.593	ng	#	67
57) 2,4-Dinitrotoluene	15.03	165	370517	9.135	ng	#	83
58) Fluorene	15.73	166	1262693	10.763	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	396221m	9.856	ng		
60) Diethylphthalate	15.50	149	1385651	10.360	ng		93
61) 4-Chlorophenyl-phenylether	15.72	204	739927	9.694	ng		96
62) 4-Nitroaniline	15.74	138	341141	11.667	ng	#	70
63) Azobenzene	16.01	77	1246849	10.449	ng		93
65) 4,6-Dinitro-2-methylphenol	15.80	198	183856	9.579	ng		99
66) n-Nitrosodiphenylamine	15.93	169	1194049	15.207	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	496780	12.992	ng		97
68) Hexachlorobenzene	16.73	284	498954	12.186	ng	#	92
69) Atrazine	16.88	200	484890	18.934	ng		97
70) Pentachlorophenol	17.06	266	338648	16.152	ng		99
71) Phenanthrene	17.46	178	1936573	12.279	ng	#	89
72) Anthracene	17.55	178	2001670	12.874	ng	#	91
73) Carbazole	17.82	167	1862312	13.692	ng	#	91
74) Di-n-butylphthalate	18.39	149	2181424	12.853	ng	#	94
75) Fluoranthene	19.47	202	2289385	10.926	ng		84
77) Benzidine	19.64	184	1377800	19.810	ng	#	94
78) Pyrene	19.83	202	2302291	11.872	ng	#	84
80) Butylbenzylphthalate	20.72	149	1109932	15.132	ng		92
81) Benzo(a)anthracene	21.67	228	2468542	12.679	ng	#	90
82) 3,3'-Dichlorobenzidine	21.58	252	1064809	15.580	ng	#	95
83) Chrysene	21.74	228	2248668	12.010	ng	#	85
84) Bis(2-ethylhexyl)phthalate	21.59	149	1510783	15.113	ng	#	92
85) Di-n-octyl phthalate	22.82	149	2596013	15.350	ng	#	90
86) Indeno(1,2,3-cd)pyrene	28.61	276	3167893	14.261	ng	#	92
88) Benzo(b)fluoranthene	23.89	252	2626702	11.230	ng	#	89
89) Benzo(k)fluoranthene	23.96	252	2499529	10.787	ng	#	90
90) Benzo(a)pyrene	24.76	252	2548275	11.536	ng	#	91
91) Dibenzo(a,h)anthracene	28.69	278	2521423	11.338	ng	#	91
92) Benzo(g,h,i)perylene	29.77	276	2518596	11.460	ng	#	88

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

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